

AibGenesis™ Mouse Anti-Wnt6 Antibody (CBMOAB-34411FYA)

Cat. No.: CBMOAB-34411FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO34411FYA
Specificity	This antibody binds to fruit fly Wnt6.
Format	Liquid or Lyophilized
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use
Purity	> 90% was determined by SDS-PAGE
Purification	Purified with Protein A or G affinity chromatography
Cellular Localization	Extracellular region or secreted

Application-Information

Application	WB, ELISA
Application Notes	ELISA: 1:1000-1:3000 Other applications are to be developed. The optimal dilution should be determined by the end user.

Target

Introduction	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It is overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line. The gene overexpression may play key roles in carcinogenesis. This gene and the WNT10A gene are clustered in the chromosome 2q35 region. The protein encoded by this gene is 97% identical to the mouse Wnt6 protein at the amino acid level. (From NCBI)
---------------------	--

Product Overview Mouse Anti-D. melanogaster Wnt6 Antibody is a mouse antibody against Wnt6. It can be used for Wnt6 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.

Protein Refseq The length of the protein is 420 amino acids long.
The sequence is show below: MRLLMVIALIFAMPMTGFGWAEGTNILLDPNLMCKKTRRLRGKLAEICRHD SALLKEII INGINLGFRECEQFQRNRRWNCTVLRKSMRKILMRDSRETGFVNAITAAGVTYAVTKACT MGQL VECSCDKAHMRRNGGQPQMVTAATAEAALERQQQAAMLRQQMPLQDQHPSQRLSRM NNASTMTDIAPV EHRGGRNRRPGGRRGRRKFWDNIKFPEGQWEWGGCSDNVNFGLRHSRV FLDKQQRQRSDLTGLVKF HNNNAGRLAIRDAMRLECKCHGLSGSCTVKTCWLKMPPFRE VAGRLDRYDSARKVTLRNDGNSFMPES PHARPANKYQLVFADDSPDFCTPNSTGALGT QGRECNVTSSGSDRCDRLCCNRGHTRRIVEEQTNCKC VFKWCCEVTCEKCLEHRAVNTCL .

Sub Cat	Clonality	Species	Reactivity	Application	Clone	Conjugate	Size
MO-AB-01687	Monoclonal	Elephant (<i>Loxodonta africana</i>)		WB, ELISA	MO01687	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 338 amino acids long. The sequence is show below: AVGSPLVMDPTSICRKARRLAGRQAEQCQAEPEVVAELARGARLGVRECQFQFRFRRWNCSSHSAFGRILQQDIRETAFVFAITAAGAS HAVTQACSMGELLQCGCQAPLGRPPRPPGLPGT PRPPGPAGSPDSSAAWEWGGCGDDVDFGDEKSRLFMDAQYKRGHGDIRALVQLHNN EAGRLAVRSHTRTECKCHGLSGSCMLRTCWRKLPP FREVGAWLLERFHGASRVMGTNDGKALLPAVRTLKPPGRADLLYAADSPDFCAPN RRTGSPGTRGRACNSSAPDLSGCDLLCCGRGHRQESV QLEENCLCRFWCCVVQCHRCRVSKELSLCL.

MO-AB-01932	Monoclonal	Medaka (<i>Oryzias latipes</i>)		WB, ELISA	MO01932	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
-------------	------------	-----------------------------------	--	-----------	---------	--	--------

Protein Refseq: The length of the protein is 338 amino acids long.
The sequence is show below: QTFIFGHGCRAVGSPVMDPNISICRKAKRLVGKQAEQCQTQPEIVNEVARGARLGVRECQYQFRYRRWNCTSHN KYFGKILQQDIRETAF VYAITAAGVTHAVTQACSMGELLQCGCEATRNRAPPRPPSSSSPRDGVKWEWGGCGDDVEFGYEKSKQFMDARRRR GKSDIRTLIDLHNN EAGRLAVKLYMRTECKCHGLSGSCTLRCTWKKMPHFREVGDRLLERFNAAKVMGSNDGKTLIPVGHNIKPPDKQDLIYSD ESPDFCSAN RKTGSLGTRGRTCNSTAMDISGCDLLCCERGYWEETVSEENCLCRFWCCVVQCKKCLVRKELNLCH.

MO-AB-04792	Monoclonal	Chicken (<i>Gallus gallus</i>)		WB, ELISA	MO04792	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
-------------	------------	----------------------------------	--	-----------	---------	--	--------

Protein Refseq: The length of the protein is 353 amino acids long. The sequence is show below: MLPRSRTQLGLFFILLCPANIIGLWWAVGSPL VMDPNISICRKTKRLAGKQAEQCQLEPEIVQEVAKGTKLGVRECQYQFRFRRWNCTSHS KYFGKILQQDIRETAFVYAITAAGVSHAITQACSMGELLQCGCELTRSAPPSPTAGPGTEGTAWEWGGCGDDVQFQYEKSSQFMDAKSK KGKNDIRALIDLHNN EAGRLAVRSYMRTECKCHGLSGSC

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
TLRTCWRKMPHFREVGDRLLEFNAGAFKVMGGNDGKTLIPVGDNIKPPDKQ DLIYSADSPDFCSANRKTGSLGTRGRVCNSTAMDTSGCDLLC CGRGHRDETVVLEENCLCRFWCCVVQCRKCSVRQELSLCI.						
MO-AB-07356	Monoclonal	Cat (<i>Felis catus</i>)	WB, ELISA	MO07356	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 280 amino acids long. The sequence is show below: AVGSPLVMDPTSICRKARRLAGRQAELCQAEPEVVAELARGARLGVRECQFQFRFRRGELLQCGCQAPRGRAP PRPPGLPGTPGPPGPAG SPDGSAAWEWGGCGDDVDFGDEKSRLFMDARHKRGRGDIRALVQLHNNEAGRLAVRSHTRTECKCHGLSGSCAL RTCWQKLPPFREVGAR LLERFHGASRVMGTDNGKALLPAVRTLKPPGRADLLYAADXGRACNSSALDLGCDLLCCGRGHRQESVQLEENCLC RFHWCCVVQCHRC RVRKELSLCL.						
MO-AB-09142	Monoclonal	Frog (<i>Xenopus laevis</i>)	WB, ELISA	MO09142	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 354 amino acids long. The sequence is show below: MLPLSRSQLGLFFILLCPANIIGLWWAVGSPLVMDPNSICRKT KRLAGKQNELCQSEPEIVNEVAKGAKLGVRECQ YQFRSRRWNCTSHN KYFGKILQQDIRETAFVYAITAAGVIAHTQACSMGELLQCGCEVTRNWGPPSPLAIGPGADGSAWEWGGCGDDVEFGY EKSQRQFMDAKR KKGKSDIRTLIDLHNNEAGRLAVKNYMRTECKCHGLSGSCTLRTCWKKMPHFREVGDRLLEFNAGAFKVMGGNDGKTIIPVG HNIKPPDK QDLIYSAESPDFCQANRKTGSPGTRGRVCNSTALDVGGCDLLCCGRGQREETVVVEENCLCRFWCCVVQCKKCNVKKELSVCL.						
MO-AB-10503	Monoclonal	Rabbit (<i>Oryctolagus cuniculus</i>)	WB, ELISA	MO10503	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 338 amino acids long. The sequence is show below: AVGSPLVMDPTSICRKARRLAGRQAELCQAEPEVVAELARGARLGVRECQFQFRFRRWNCSSHSKAFGRILQQDIRETAFVFAITAAGAS HAVTQACSMGELLQCGCQAPRGRGPPRPSGLPG TPGPPGPAGPADASAAWEWGGCGDDVDFGDEKSRLFMDAQHKRGRGDIRALVQLHNN EAGRLAVRSHTRTECKCHGLSGSCALRTCWQKLPPFREVGARLLERFHGASRVMGTDNGKALLPAVRTLKPPGRADLLYAADSPDFCAPN RRTGSPGTRGRACNSSAPDLGCDLLCCGRGHRQES VQLEENCLCRFWCCVVQCHRCRVRKELSLCL.						
MO-AB-13669	Monoclonal	O. mykiss (<i>Oncorhynchus mykiss</i>)	WB, ELISA	MO13669	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 131 amino acids long. The sequence is show below: MTILLSRTQLALFFILLCPVNIIGLWWAVGSP LVMDPNSICRKT KRLAGKQAELCQTQPEIVHEVAKGAKLGVRECQYQFRFRRWNCTSQ NKYFGKILQQDIRETAFVYAITAAGVTHAVTQACSMG ELLQ.						
MO-AB-14044	Monoclonal	Sea-anemone	WB, ELISA	MO14044	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
Protein Refseq: The length of the protein is 207 amino acids long. The sequence is show below: MGLDEAERHDFGRRGCQHVVYTFQGFDTAK QFMDPMGSRDAKALISRHNKAGRLAVKNHMEKKCRCHGLSQTCQMKTCWWELPAFRSVSD RIKTHFDGAVKVVDNKGRIIAEESTVKPPT EEDLVYTTRSPDFCNSEYRTGSLGTRGRTCNETSQGTGGCELLCCGRGYERTVINEEV NCRCRFHWCCCEVRCKKCKKERVVFTCK.						
MO-AB-18265	Monoclonal	Sheep (<i>Ovis aries</i>)	WB, ELISA	MO18265	Unconjugated; also available for Biotin; HRP; FITC and oth 100 µg	
Y	al			Y	er labeled form.	g
Protein Refseq: The length of the protein is 312 amino acids long. The sequence is show below: SLPPTPSGGLLLLLLLLCPAHVGGLWWAVG SPLVMDPTSICRKARRLAGRQAELWTRPRSRLPAPRHAASRPPQRPRTQPGSCCLTAPPH LRDIREFAFVFAITAGGAPPPGAHAATSQSFLSEL FLFFCAWFPLPSSKLLWAKAQWGWGGCGDDVDFGDEKSRLFMDAQHKRGRGDIRM LVQLHNNEAGRLAVRSHTRTECKCHGLSGSCALRTC WQKLPPFREVGARLLERFHGASRVMGTNDGKALLPAVRTLKPPGRADLLWAPRL CGGGGHRQESVLEENCLCRFHWCCVQCHRCRVRKEL SLCL.						
MO-AB-22987	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO22987	Unconjugated; also available for Biotin; HRP; FITC and oth 100 µg	
R	al			R	er labeled form.	g
Protein Refseq: The length of the protein is 365 amino acids long. The sequence is show below: MQPPAPSRLGLLLLLLLSPAHHVGGLWWAVGSPLVMDPTSICRKARRLAGRQAELCQAEPEVVAELARGARLGVR ECQFQFRFRRWNCSSH SKAFGRILQQDIRETAFVFAITAAGASHAVTQACSMGELLQCGCQAPRGRAPPRPPGLPGTPGPPGPAGSPDGSAAW EWGGCGDDVDFGD EKSRLFMDAQHKRGRGDIRMLVQLHNNEAGRLAVRSHTRTECKCHGLSGSCALRTCWQKLPPFREVGARLLERFH.						
MO-AB-34039	Monoclonal	Nile tilapia (<i>Oreochromis niloticus</i>)	WB, ELISA	MO34039	Unconjugated; also available for Biotin; HRP; FITC and oth 100 µg	
H	al			C	er labeled form.	g
Protein Refseq: The length of the protein is 352 amino acids long. The sequence is show below: MTARLSRIQLALFFISLCPVNIIGLWWAVGSPLVMDPNISICRKAKRLAGKQAELCQTQPEIINEVAKGARLGVRECQ YQFRYRRWNCTSH HKYFGKILQQDIRETAFVYAITAAGVTHSVTQACSMGDLQCGCEATRNRPPPKPSSSGDGVKWEWGGCGDDVEFGYEQ SKQFMDAKRRK GKSDIRTLVDLHNNEAGRLAVKLYMRTECKCHGLSGSCTLRTCWKKMPHFREVGDRLLEFNGASKVMGGNDGKTLIPVGQ NIKPPDKQD LIYDESPDFCLANRKTGSLGKGRICNSTAMDISGCDLLCCERGYREETVVFEEENCLCRFHWCCVQCKKCMVRKELSLCH.						
MO-AB-34069	Monoclonal	Dog (<i>Canis lupus familiaris</i>)	WB, ELISA	MO34069	Unconjugated; also available for Biotin; HRP; FITC and oth 100 µg	
W	al			W	er labeled form.	g
Protein Refseq: The length of the protein is 332 amino acids long. The sequence is show below: MDPTSICRKARRLAGRQAELCQAEPEVVAELARGARLGVRECQFQFRFRRWNCSSH SKAFGRILQQDIRETAFV FAITAAGASHAVTQAC SMGELLQCGCQAPRGRAPPRPPGLPGTPGPPGPAAGSTDGSATWEWGGCGDDVDFGDEKSRLFMDARHKRGRGDI RALVQLHNNEAGRLA VRSHTRTECKCHGLSGSCALRTCWQKLPPFREVGARLLERFHGASRVMGTNDGKALLPAVRTLKPPGRADLLYAADSP DFCAPNRRTGSP GTRGRACNSSAPDLSGCDLLCCGRGHRQESVQLEENCLCRFHWCCVQCHRCRVRKELSLCL.						

Sub Cat	Clonalit y	Species	Reactivity	Applicati on	Clone	Conjugate	Size
MO-AB-35990	Monoclon	Ferret (<i>Mustela Putorius Fur</i>		WB, ELISA	MO35990	Unconjugated; also available for Biotin; HRP; FITC and oth	100 µg
W	al	o)			W	er labeled form.	

Protein Refseq: The length of the protein is 365 amino acids long.

The sequence is show below: MLPPAPSLGLLLLLLLCPAHVGGLWWAVGSPLVMDPTSICRKARRLAGRQAELCQAEPEVVAELARGARLGVRE
CQFQFRFRRWNCSSH SKAFGRILQQDIRETAFVFAITAAGASHAVTQACSMGELLQCGCQAPRGRAPRPPGLPGTPGPPGPAGSPDGSAWE
WGGCGDDVDFGD EKSRLFMDARHKRGRGDIRALVQLHNNEAGRLAVRSHTRTECKCHGLSGSCALRTCWQKLPPFREVGARLLERFHGASR
VMGTNDGKALL PAVRTLKPPGRADLLYAADSPDFCAPNRRTGSPGTRGRACNSTAPDLSGCDLLCCGRGHRQESVQLEENCLCRFWCCVVQ
CHRCRVRKE LSLCL.

MO-AB-47085	Monoclon	Horse (<i>Equus caballus</i>)		WB, ELISA	MO47085	Unconjugated; also available for Biotin; HRP; FITC and oth	100 µg
W	al				W	er labeled form.	

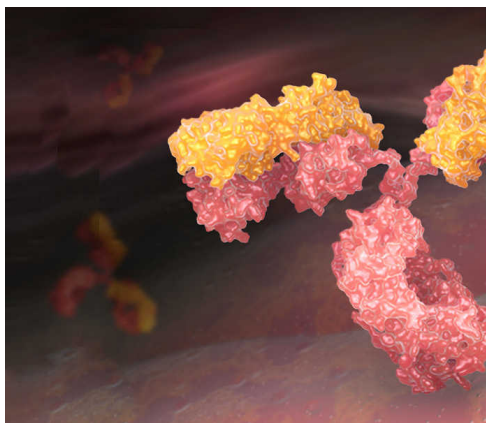
Protein Refseq: The length of the protein is 341 amino acids long.

The sequence is show below: AVGSPLVMDPTSICRKARRLAGRQAELCQAEPEVVAELARGARLGVRECQFQFRFRRWNCSSH SKAFGRILQQD
IRETAFVFAITAAGAS HAVTQACSMGELLQCGCQAPRGRAPRPPGLPGTPGPPGPAGSPDGSAWEWGGCGDDVDFGDEKSRLFMDARHKR
GRGDIRALVQLHNN EAGRLVECGNVCVETRVCAVGMCELRYVCWSGRGPLRKIGSRGEEQAQGAKSLEGKPCSLPLFSAMRTLGA PPPGRA
DLLYAADSPDFC APNRRTGSPGTRGRACNSSAPDLSGCDLLCCGRGHRQESVQLEENCLCRFWCCVVQCHRCRVHKELSLCL.

MO-AB-67919	Monoclon	Marmoset		WB, ELISA	MO67919	Unconjugated; also available for Biotin; HRP; FITC and oth	100 µg
W	al				W	er labeled form.	

Protein Refseq: The length of the protein is 365 amino acids long.

The sequence is show below: MLPPARSSLGLLLLLLLCPHVGGLWWAVGSPLVMDPISICRKARRLAGWQAELCQAEPEVVEELARGARLGVRE
CQFQFRFRRWNCSSN SKAFGRILQQDIRETAFVFAITAAGASHAVTQACSLGELLQCGCQAPRGWVPPQPSGLPGTPGPPGPAGSLEGSAWE
WGGCGDDVDYGD EKSRLFMDARDNRGRGDMRALVQLHNNEAGRLAVRSQTRTECKCHGLSGSCALRTCWQKLPPFREVGA LLERFHGASR
VMGTNDGKALL PAVRTLKPPDRADLLYAADSPDFCAPNRRTGSPGTRGRACNSSAPDLSGCDLLCCGRGHRQESVQFEENCLCRFQWCCVVQ
CHRCVLRQ LTLCL.



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.