

AibGenesis™ Mouse Anti-Chmp2B Antibody (CBMOAB-13497FYA)

Cat. No.: CBMOAB-13497FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO13497FYA
Specificity	This antibody binds to fruit fly Chmp2B.
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	Endosome

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	This gene encodes a component of the heteromeric ESCRT-III complex (Endosomal Sorting Complex Required for Transport III) that functions in the recycling or degradation of cell surface receptors. ESCRT-III functions in the concentration and invagination of ubiquitinated endosomal cargos into intraluminal vesicles. The protein encoded by this gene is found as a monomer in the cytosol or as an oligomer in ESCRT-III complexes on endosomal membranes. It is expressed in neurons of all major regions of the brain. Mutations in this gene result in one form of familial frontotemporal lobar degeneration. (From NCBI)
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Product Overview	Mouse Anti-D. melanogaster Chmp2B Antibody is a mouse antibody against Chmp2B. It can be used for Chmp2B detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
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Protein Refseq

The length of the protein is 212 amino acids long.

The sequence is show below: MFNNIFGKKPTVKEQQRENDRLRKATRDIERERRKMEEEEERKLELEIRRN
AAAGNNDAC RILAKQLVEIRKQKSRTYAAAGKIQSIGYQKNMGMANIALSEAMGTTAKTMGEMNKMVRP E
AIGETVRQFQAANMKMEMTDEMINDTLDDMLNESGDEEESNAVVNKKVLDEIGIEISGKM SSIPATGSSDFET
SGKRTEKDIADQLAKLRSS.

Sub Cat	Clon ality	Species	Reactivity	Applica tion	Clone Conjugate	Siz e
CBMOAB-Mono				WB, ELISMO703	Unconjugated; also available for B	100
70399FYA	clonal	Zebrafish (<i>Danio rerio</i>)		A	99FYA iotin; HRP; FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 214 amino acids long.

The sequence is show below: MTSLFKKKTVDDVIKEQNKELRGTRQRIARDRTALEKQEKQLEMEIKKMAKTGNRDACKVLAKQLVQVRKQKTRT
YAVSSKVTSMTQTK LMNSQMKMAGAMATTTKTMQAVNKKMDPKKTMQTLQNFQKETAKMDMTEEMMNDTLDEIFEDSGDEEESQDIVNQVL
DEIGIEISGKMAH APSAARKTPSAATAKADGISDEDIERQLKALGVD.

MO-AB-1 Mono				WB, ELISMO101	Unconjugated; also available for B	100
0172R	clonal	Cattle (<i>Bos taurus</i>)		A	72R iotin; HRP; FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 213 amino acids long.

The sequence is show below: MASLFKKKTVDDVIKEQNRELRGTRQRAIIRDRAALEKQEKQLELEIKKMAKIGNKEACRVLAKQLVHLRKQKTRTF
AVSSKVTSMTQTK VMNSQMKMAGAMSTTAKTMQAVNKKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQVLD
EIGIEISGKMAK APSAARSLPSASTSKSTISDEEIERQLKALGVD.

MO-AB-1 Mono				WB, ELISMO136	Unconjugated; also available for B	100
3670W	clonal	Chimpanzee (<i>Pan troglodytes</i>)		A	70W iotin; HRP; FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 213 amino acids long.

The sequence is show below: MASLFKKKTVDDVIKEQNRELRGTRQRAIIRDRAALEKQEKQLELEIKKMAKIGNKEACKVLAKQLVHLRKQKTRTFA
VSSKVTSMTQTK VMNSQMKMAGAMSTTAKTMQAVNKKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQVLDE
IGIEISGKMAK APSAARSLPSASTSKATISDEEIERQLKALGVD.

MO-AB-2 Mono				WB, ELISMO247	Unconjugated; also available for B	100
4774H	clonal	Rat (<i>Rattus norvegicus</i>)		A	74C iotin; HRP; FITC and other labeled form.	µg

Sub Cat	Clon ality	Species	Reactivity	Applica tion	Clone Conjugate	Siz e
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Protein Refseq: The length of the protein is 213 amino acids long.

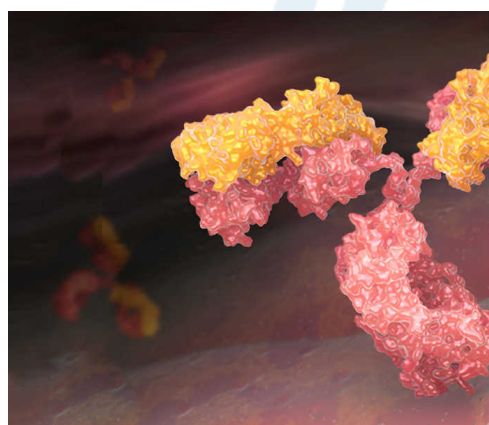
The sequence is show below: MASLFKKKTVDDVIKEQNRELRGTRAIIRDRAALEKQEKKLELEIKKMAKIGNKEACRVLAKQLVHLRKQKTRTF
AVSSKVTSMSTQTK VMNSQMKMAGAMSTTAKTMQAVNKKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQVLD
EIGIEISGKMAK APSAARSLPSASTSKATISDEEIERQLKALGVD.

MO-AB-5	Mono			WB, ELISMO529	Unconjugated; also available for B	100
2958W	clonal	Marmoset		A 58W	iotin; HRP; FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 213 amino acids long.

The sequence is show below: MACLFKKKTVDDVIKEQNRELRGTRAIIRDRAALEKQEKKLELEIKKMAKIGNKDACRVLAKQLVHLRKQKTRTF
AVSSKVTSMSTQTK VMNSQMKMAGAMSTTAKTMQAVNKKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQVLD
EIGIEISGKMAK APSAAGSLPSASTSKATISDEEIERQLKALGVD.

MO-DKB-	Polycl	Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Pig (<i>Sus scrofa</i>), Bo	WB, IF, I			100
01021W	onal	vine (<i>Bos taurus</i>), Chicken (<i>Gallus gallus</i>), Rhesus (<i>Macaca mulatta</i>), HC, IHC-			Unconjugated	µg
		Frog (<i>Xenopus</i>)	P			
MO-DKB-	Polycl	Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Pig (<i>Sus scrofa</i>), Bo				100
01429W	onal	vine (<i>Bos taurus</i>), Chicken (<i>Gallus gallus</i>), Rhesus (<i>Macaca mulatta</i>), WB, IF			Unconjugated	µg
		Frog (<i>Xenopus</i>)				



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.