

AibGenesis™ Mouse Anti-ampH Antibody (CBMOAB-0104YC)

Cat. No.: CBMOAB-0104YC

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO0104YC
Specificity	This antibody binds to Escherichia coli K-12 ampH.
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

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

Product Overview	Mouse Anti-E. coli ampH Antibody is a mouse antibody against ampH. It can be used for ampH detection in Western Blot and Enzyme-Linked Immunosorbent Assay.
-------------------------	---

Protein Refseq	The length of the protein is 385 amino acids long. The sequence is show below: MKRSLFSAVLCAASLTS VHAAQPITEPEFASDIVDRYADHIFYGSGATGMALVVIDGNQ RVFRSYGETRPGNNVRPQLDSVVRIASLTK LMTSEMLVKLLDQGTVKLNDPLSKYAPPGA RVPTYNGTPITLVNLTHTSALPREQPGGAHRPVFVWPTR EQRWKYLSTAKLKAAPGSQ AAYSNLAFDLLADALANASGKPYTQLFEEQITRPLGMKDDTYTPSPDQCRRLL MVAERGAS PCNNTLAAIGSGGVYSTPGDMMRWMMQQYLSSDFYQRSNQADRMQTLYQRAQFTKVIGMD VPGKADALGLGWVYMAPKEGRPGIIOKTGGGGGFITYMAMIPQKNIGAFVVVTRSPLTRF KNMSDGINDLV TELSGNKPLVIPAS.
-----------------------	--

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
---------	---------------	--------------------	-----------------	-------	-----------	------

CBMOAB-00940	Monoclonal	Fruit fly (<i>Drosophila melanogaster</i>)	WB, ELISA	MO00940F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	--	-----------	----------	--	--------

Protein Refseq: The length of the protein is 602 amino acids long.

The sequence is show below: MTENKGIMLAKSVQKHAGRAKEKILQNLGKVDRTADEIFDDHLNFNRRQQASANRLQKEFNYYIRCVRAAQAASK
 TLMDSVCEIYEPQWS GYDALQAQTGASESLWADFAHKLGDQVLIPLNTYTGGFPEMKKKVEKRNRLIDYDQQRHSFQNLQANANKRKDDVKL
 TKGREQLEEARR TYEILNTELHDELPALYDSRILFLVTNLQTLFATEQVFHNETAKIYSELEAIVDKLATESQRGSNTLRKQTSNPIKTSSPVQSPVN
 KLNN ANINSNYQNQITNGGSSLANSPSTSSSLQEPRFDSVSSTPEPRPESPAAALVSATPSSPVENGVTTKSLERPELSGLNASAKATTTTQ T
 SPTEDKAVVSEAVKPSETEGAAVAASVTPAPPATPAQINGNNNEPSIVKEGGKQPKELPSTTSNAEAAAEEAANNNGNSIEEHKQKKLGN DTTVTAT
 ETVTVTQHSVTSTDTDNIVTISDTNTDTDTKTSTGTSSQKGRPVVVRHVSNNLNKNPFEDDDERIYEPADANTADLPPGVL YRVKATYGYAKE
 DVDELSFEIGDLIRVIEYDDPEDQEEGWLMGQKEGTNEKGLFPANFTRPI.

CBMOAB-35623	Monoclonal	Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	MO35623F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	----------------------------------	-----------	----------	--	--------

Protein Refseq: The length of the protein is 694 amino acids long.

The sequence is show below: MADIKTGIFAKNVQKRLNRAQEKVLQKLGADETKDEQFEEYVQNFKRQEAEGTRLQRELGYLAAIKGMQEAS
 MKLTESLHEVYEPDWY GREDVKMVGKCDVLWEDFHQKLVDGSLTLDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRISK
 AEEEFQKAQKVF EEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVLCHKLYEVMTKLGDQHADKAFTIQGAPSDSGPLRIAKTPSP
 PEEPSPL PSPTASPNHTLAPASPAPARPRSPSQTRKGPPVPPLPKVTPTKELRQENIISFFEDNFVPEISVTTSPQNEVPEVKKEETLLDLDFDPFK
 PEVTPAGSAGVTHSPMSQTLPWDLWTLFHAQQPFASGGSFNGFTQPQDTSLFAMQTDQSMICNLAESEQAPPTPEKAAEPLAAVTPGVGL DLG
 MDTRAEEPVEEAVIIPGADADAAGVTLVSAAGAPGEEAEAEKATLPAGEGVSLEEAKIGTETEGAESAQAEAEELAATVPQEKVIP SVVIEPASNH
 EEEGEHEITIGAEPEETTEDTAPLGPTSETPELATEPKPLQDPQPMPSAPALGTADQLASVREASQELPPGFLYKVETLH DFEAANSDELTLQRGD
 VVLVVPDSEADQDAGWLGVKESDWLQYRDLATYKGLFPENFTRRLD.

CBMOAB-65680	Monoclonal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO65680F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	----------------------------------	-----------	----------	--	--------

Protein Refseq: The length of the protein is 784 amino acids long.

The sequence is show below: MAEIKTGIFAKNVQKRINRAQEKVLQKLGADETKDEQFEQCVQNFKRQEFEGSRLQREMKAYIAAVKGMQQAS
 MNLTESLHEVYEPDWH GKDDVMTIGKNC DALWEDFHQKLVDSTINTLETYLTQFPDLKVRVAKRSRKLIDYDSARHHLETQTSTMRNEKRIAKA
 EEDLKAQRVF DDLNVGLQDELPTLWDSRVGFYVSTFKNVSSLEARFHREISFLCHKLYEVMNKLAEQHSKDMFTIQGAPSDSGPLRLARTPSP
 PDDESPD SSPAASPNTLRPTSPGPPRPKSPSQLKMGPPKPPPPKVTPTRELQQEQIIDLFDGGFPEISVTSPPQNERPGESLLDLDFDPFKPDT

Sub Cat	Clonality	Species Reactivity	Application	Clone	Conjugate	Size
ST PIGQTQSPVVSQTLPWDLWTGDAAQPAQPATDAGFTANWAADFGSSATTVTDESANTQPAADGQGWPPADGWPTDSTPQPQGETATDEDAT VPTFMADFDMPEAEAEAEPEGDVAEAGEGEASPAEPEGGEGPVTTPTPTDTPQEEITASSPPAETPTSTVESPVSAEPEAAEQALPVEDI EKEQL SEESPDSPVPVQETEKESPTAALASVEDKESPIEETPTTDAKPEEETSSLEARPGDEPDNVEPKPTDEPDKVETQPGVEVPDNIIEP KPGDAPDNV EPQPGDETSKEGAANNNGNEEEKMPIPSVVIEPASSNEGDDDRDGDITSPIATGDNGMIADCQTTKDSSGMPPRFLFKVETM HDFEAANPDELEL KKGDIVLVVPTELAEDQDAGWLTGIRESDWQQRGASAKKGLFPENFTQRLE.						
MO-AB-01029W	Monoclonal	Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	MO01029W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 694 amino acids long. The sequence is show below: MADIKTGIFAKNVQKRLNRAQEKVLQKLGADETKDEQFEEYVQNFKRQEAEGTRLQRELRGYLAAIKGMQEAS MKLTESLHEVYEPDWY GREDEVKMVGKCDVLWEDFHQKLVDGSLTLDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRISK AEEEFQKAQKVF EEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVLCHKLYEVMTKLGDQHADKAFTIQGAPSDSGPLRIAKTPSP PEEPSPL PSPTASPNHTLAPASPAPARPRSPSQTRKGPPVPPLPKVTPTKELRQENIISFFEDNFVPEISVTTSPQNEVPEVKKEETLLDLDFDPFK PEVTPAGSAGVTHSPMSQTLPWDLWTTADLVQPASGGSFNGFTQPQDTSLFAMQTDQSMICNLAESEQAPPTPEKAEELAAVTPAVGL DLG MDTRAEEPVEEAVIIPGADADAAGVTLVSAAEGAPGEEAEAEKATLPAGEGVSLEEAKIGTETEGAESAQAEAEELAATVPQEKVIP SVVIEPASNH EEEGEHEITIGAEPEETTEDTAPLGPTSETPELATEPKPLQDPQPMPSAPALGTADQLASVREASQELPPGFLYKVETLH DFEAANSDELTLQRGD VVLVPSDSEADQDAGWLVGVKESDWLQYRDLATYKGLFPENFTRRLD.						
MO-AB-11404W	Monoclonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO11404W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 653 amino acids long. The sequence is show below: MADIKTGIFAKNVQKRLNRAQEKVLQKLGADETKDEQFEEYVQNFKRQEAEGTRLQRELRGYLAAIKGMQEAS MKLTESLHEVYEPDWY GREDEVKMVGKCDVLWEDFHQKLVDGSLTLDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRISK AEEEFQKAQKVF EEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVLCHKLYEVMTKLGDQHADKAFTIQGAPSDSGPLRIAKTPSP PEEPSPL PSPTASPNHTLAPASPAPARPRSPSQTRKGPPVPPLPKVTPTKELQENIISFFEDNFVPEISVTTSPQNEVPEVKKEETLLDLDFDPFK PEVTPAGSAGVTHSPMSQTLPWDLWTTSTDLVQPASGGSFNGFTQPQDTSLFTMQTDQSVICNLIIPGADADAAGVTLVSAAEGAPGEEA EAEK ATVPAGEGVSLEEAKIGTETTEGAESAQPEAEELVTPQEKVIPSVVIEPASNHEGEGENEITIGAEPKETTEDAAPPGPTSETP ELATEQKPIQD PQPTPSAPAMGAADQLASAREASQELPPGFLYKVETLHDFEAANSDELTLQRGDVVLVPSDSEADQDAGWLVGVKESD WLQYRDLATYKGLF PENFTRRLD.						
MO-AB-50797W	Monoclonal	Marmoset	WB, ELISA	MO50797W	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 695 amino acids long.

The sequence is show below: MADIKTGIFAKNVQKRLNRAQEKVLQKLGADETKDEQFEEYVQNFKRQEAEGTRLQRELRGYLAAIKGMQEAS
MKLTESLHEVYEPDWY GREVDKVMVGEKCDVLWEDFHQKLVDGSLTLDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRISK
AEEEFQKAQKVF EEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVLCHKLYEVMTKLGDQHADKAFTSIQGAPSDSGPLRIAKTPSP
PEEPSPL PSPTASPNHTLAPASPAPARPRSPSQTRKGPPVPPLPKV/TPTKELQQENIISFFEDNFVPEISVTTSPQNEVPEVKKEETLLDLDFDPFK
PEVTPAGSAGVTHSPMSQTLPWDLWTTSTDLVQPASGGSFDGFTQPQDTSLFKMQTDQSMICNLAESEQAPPTPEKAEPLAAVTPAVGL DLG
MDTRAEEPVEEAVIIPGADADAAGVTLVSAAGAPGEEAEAEKATLPTGEGVNLEAEIGTETTGAESAQPESEEEAAVPQEKVI PSVVIEPASN
HEGEGEHEITIGTEPKETTEDAAPLGPTSETPELATEQKPLQDPQPTSPAPATGAADQLASAKEASQELPPGFLYKVETL HDFAANSDELTLQRG
DVVLVPSDSEADQDAGWLGVKESDWLQYRDLATYKGLFPENFTRRLD.

MO-AB-07318R	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO07318R	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	------------------------------	-----------	----------	--	--------

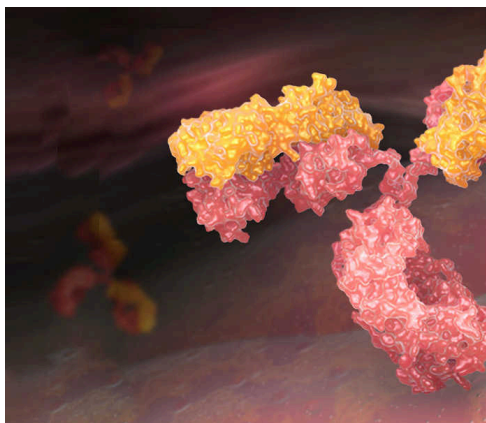
Protein Refseq: The length of the protein is 684 amino acids long.

The sequence is show below: MADIKTGIFAKNVQKRLNRAQEKVLQKLGADETKDEQFEEYVQNFKRQEAEGTRLQRELRGYLAAIKGMQEAS
MKLTESLHEVYEPDWY GREVDKVMVGEKCDVLWEDFHQKLVDGSLTLDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRISK
AEEEFQKAQKVF EEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVLCHKLYEVMTKLGDQHADKAFTSIQGAPSDSGPL.

MO-AB-01396H	Monoclonal	Frog (<i>Xenopus laevis</i>)	WB, ELISA	MO01396C	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
--------------	------------	--------------------------------	-----------	----------	--	--------

Protein Refseq: The length of the protein is 666 amino acids long.

The sequence is show below: MTLCCREKQKTVLSKASQRSSRLASKVLQKLGADETKDEQFEEYVQNFKRQETEGTRLQREMRAYLAAIKGM
QEASLKLSESLHEVYE PDWYGRDDVKTVGEKCDTLWEDFHQKLVDGALITLDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQNAKRKDEG
RISKAEEEFQKA QKVFEDFNIDLQEELPSLWSRRIGFYVNTFQNVSGLEAKFHKEITVLCHKLYEVMTKLGEQHADNAFTIQQAPSDSGPLRIAKTP
SPPEE VPQEASPLASPNHTLAPVSSPAPARPKSPSQLRKGPVPPLPKLTPSKELQQENIISFFEDNFVPEINVTTPSQNEAVEEKKEESLLDLD F
DPFKPGAATVGIVQSHSPISQTLPWDLWTCFCPSTQTNNVVQVQASTGVFNGFTQPDASAPLFTLPSEKNEEVPDASAPLFTLPSEQNE EVPDA
SAPLFTLPSEQNEEVPDASAPLFTLPSEQNEEVVESEVKQESPVEMAEDIMEEKEPEIIEPNETKAPPEITIIPSVVIEPASNH EDEHDDITTEVT
DAVEEKFGTDSTLSTEDQSHIMSNDGADSISSSQSKPEGFLYKAEVLHDFAANEDELDLKRGDIVVIITSITAAD QEAGWLTGVKETDWLQHKD
AEAYKGLFPENFTRKLD.



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.