

AibGenesis™ Mouse Anti-Grp Antibody (CBMOAB-18234FYA)

Cat. No.: CBMOAB-18234FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO18234FYA
Specificity	This antibody binds to fruit fly Grp.
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

Introduction	This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. The encoded preproprotein is proteolytically processed to generate two peptides, gastrin-releasing peptide and neuromedin-C. These peptides regulate numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation. These peptides are also likely to play a role in human cancers of the lung, colon, stomach, pancreas, breast, and prostate. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. (From NCBI)
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Product Overview	Mouse Anti-D. melanogaster Grp Antibody is a mouse antibody against Grp. It can be used for Grp detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
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Protein Refseq

The length of the protein is 398 amino acids long.

The sequence is show below: MPQHEAQRYFTQLLSGLNYLHQRGIAHRDLKPENLLLDEHDNVKISDFGMA
TMFRCKGKE RLLDKRCGLTPYVAPEVLQKAYHAQPADLWSCGVILVTMLAGELPWDQPSTNCTEFTNWR
DNDHWQLQTPWSKLDTLAISLLRKLATSPGTRLTLEKTLDHKWCNMQFADNERSYDLVD SAAALEICSPK
AKRQRLQSSAHLNGLDDISIRNYCSQPMPTMRSDDFNVRLGSGRSKE DGGDRQTLAQEARLSYSFS
QPALLDDLATQMNQTQNASQNYFQRLVRRMTRFFVTTRW DDTIKRLVGTIERLGGYTCKFGDDGVVTV
STVDRNKLRLVFAHHIEMDGKILVDCRLSK GCGLEFKRREIKIKNALEDIVLKGPTTWPIAIATNSVP

Sub Cat	Clonality	Species Reactivity	Application	Clone	Conjugate	Size
CBMOAB-34248	Monoclonal	A. thaliana (<i>Arabidopsis thaliana</i>)	WB, ELISA	MO34248F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 228 amino acids long. The sequence is show below: `MLSFLIPVVQFFQVVIAAVASVFLVAGITF
GASIVGLTIATPLFVIFSPILVPATIATTLVGGATAAVALGVTAFALILWLFKHRIG VKPKNNPAPKGAPTADQPGASGGASGDKPGEMSGAGGPS
GDKPGGASGGGDKPGGASGGGPPGGASGGGPPGGASGGGPPGGASGGGP GGASGGASGDKPEGAPGDKPGGASGGKPGKKPGHKPA
GARGGKRLAWW`

CBMOAB-78773 Monoclonal	MO78773F Unconjugated; also available for Biotin; HRP; FITC and other labeled forms.
Zebrafish (<i>Danio rerio</i>)	WB, ELISA
FYA	g

Protein Refseq: The length of the protein is 153 amino acids long.

The sequence is show below: MSVTMCLVWRYRFVVSILVVLCEVFASDAQPIGKVYPRGNHWAVGHLMGKKSTDDQDISEDNSNDDAVTSVSPDQDLQLERYSKHPLPLR LYALMNERMTQENPDQNTVEVNAIKLMQRMIEKGRQWEEERDDRAEKVAEDLLRALRMQYEDES.

MO-AB-13371R	Monoclonal Cattle (<i>Bos taurus</i>)	WB, ELISA	MO13371R	Unconjugated; also available for Biotin; HRP; FITC and other labeled forms.	100 µg
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Protein Refseq: The length of the protein is 134 amino acids long.

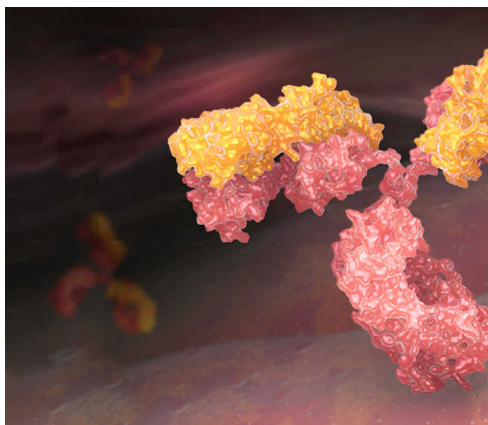
The sequence is show below: MRGREVPLVLLALVLCAPRGWAAPVTAGRGGALAKMYTRGNHWAVGHLMGKKSVAESPQLHEEESLKEQLRE
YAQWEEATRNLLSLLQA KGARGHQMPPEPLSIHQPAWDSSEDSNFKDTGPQHEGRNPQLN.

MO-AB-26123H	Monoclonal	Rat (<i>Rattus norvegicus</i>)	WB, ELISA	MO26123C	Unconjugated; also available for Biotin; HRP; FITC and other labeled forms.	at 100 µg/ml
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Protein Refseq: The length of the protein is 147 amino acids long.

The sequence is show below: MRGSELSLLLLALVLCQAPRGPAAPVSTGAGGGTVLAKMYPRGSHWAVGHLMGKKSTDELPPLYAARDRDLKEQLRGYIRWEEAARNLLG LLEAAGNRSHQPPQDQPLGSLQPTWDPEDGSYFSDAQNAKLVDSLQLVKGKEGTAS.

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
MO-AB-31031W	Monoclonal	Dog (<i>Canis lupus familiaris</i>)	WB, ELISA	MO31031W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 148 amino acids long. The sequence is show below: MRGRELPLVLLALVLCQAPRGPAAPVPGGQGTVLDKMYPRGNTGRWSEGHLMGKKSTRESPYVYEEGSLKQQLQGYIRWEEAARNLLSLM EAKGTRSHQTPQREPLGIRQSAWDYQDDSNFKVIGPTREVGGLSASGSQPEGRNPPRN.						
MO-AB-31688H	Monoclonal	Soybean (<i>Glycine max</i>)	WB, ELISA	MO31688C	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 160 amino acids long. The sequence is show below: MASADVEYRCFVGGLAWATDDHALERAFSQQYGEIVETKIINDRETGRSRGFGFVTFASEQSMKDAIGAMNGQNL DGRNITVNEAQRGGG GGGGGGGGGYNRGGGGYGGRSGGGGGGGGYRSRDGGYGGGYGGGGGGYGGGRDRGYSRGGDGGDGGWRN.						
MO-AB-41772W	Monoclonal	Guinea pig (<i>Cavia porcellus</i>)	WB, ELISA	MO41772W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 27 amino acids long. The sequence is show below: APVSVGGGTVLAKMYPRGNHWAVGHLM.						
MO-AB-48292W	Monoclonal	Maize (<i>Zea mays</i>)	WB, ELISA	MO48292W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
Protein Refseq: The length of the protein is 145 amino acids long. The sequence is show below: MAASDVEYRCFVGGLAWATDDHSLNNAFSTYGEVLESKIILDRETQSRGFGFVTFSTEDAMRSAIEGMNGKEL DGRNITVNEAQRGGR GGGGGGYGGGRRDGGGYGGGGGGYGGGRGGYGGGGGYGGANRGGGYGNNDGNWRN.						



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.