

AibGenesis™ Mouse Anti-Hspb8 Antibody (CBMOAB-20842FYA)

Cat. No.: CBMOAB-20842FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO20842FYA
Specificity	This antibody binds to fruit fly Hspb8.
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	Other locations; Nucleus; Cytosol

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 protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. (From NCBI)
---------------------	--

Product Overview	Mouse Anti-D. melanogaster Hspb8 Antibody is a mouse antibody against Hspb8. It can be used for Hspb8 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
-------------------------	---

Protein Refseq

The length of the protein is 192 amino acids long.

The sequence is show below: MAEANKRNIPIKLGDFSVIDTEFSNIRERFDSEMRKMEEEMAKFRHELMNR
EANFFESTS STKKTSTTSSTTNSALPSRIPKQQNYVSDISSPLIQDEGDNKVLKLRFDVSYAPEEIVV KTV
DQKLLVHAKHEEKSDTKSVYREYNREFLLPKGVNPESIRSSLSKDGVLTVDAPLPAL TAGETLIPIAHK.

Sub Cat	Clona lity	Species Reactivity	Applicati on	Clone	Conjugate	Siz e
CBMOAB-80 Monocl				MO8011	Unconjugated; also available for Biotin; HRP; 100	
110FYA	onal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	0FYA	FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 216 amino acids long.

The sequence is show below: MAEGDYITLGNRQRIPRDPFREQLASRFMDDDFGLPPFPNELSMDWPGWARPRLSHRLDAPWTGSLRSGFP
RASMSSPQGFSSVYTESP RRASAPPTDSDEPWKVCNVHFSKPEELNVKTKDGFVEVSGKHEEKQDEGGIVTKNFTKKIQIPLDVPVTVFASL
SPEGVLIEARQTP PYLYSNEMPAESMEEPEARPQEPSMTSTTTFEARE.

MO-AB-0440 Monocl				MO0440	Unconjugated; also available for Biotin; HRP; 100	
2H	onal	Frog (<i>Xenopus laevis</i>)	WB, ELISA	2C	FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 203 amino acids long.

The sequence is show below: MADSQLPFTCHYPSNRHRGSRDPFREQLSSRLDDDFGIPPFSDDLTMNWPDWVRPRLTSSWSGPLRSGLM
RTSGISPPVYNFSYTGPN EPRNTVANVSQPWKVCNVQTFMPEELTVKTKDGFVEVSGNHEEQQKEGGIVSKNFTKKIQLPPEVDALTVFASLSP
EGLLIEAPLVPP YNQQGDDSYTYELPLDPQEVCAS.

MO-AB-1139 Monocl				MO1139	Unconjugated; also available for Biotin; HRP; 100	
5W	onal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	5W	FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 196 amino acids long.

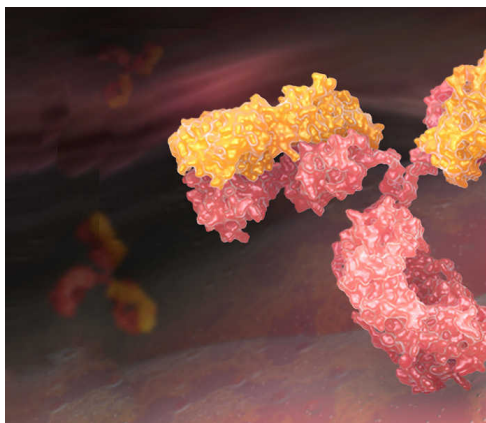
The sequence is show below: MADGQMPFSCHYPSRLRRDPFRDSPLSSRLDDGFGMDPFPDDLTASWPDWALPRLSSAWPGTLRSGMVPRG
PTATARFGVPAEGRTPPP FPGEPPWKVCNVHFSKPEELMVKTKDGYVEVSGKHEEKQKEGGIVSKNFTKKIQLPAEVDVPTVTFASLSPEGLLIEA
PQVPPYSTFGES SFNNELPQDSQEVCT.

MO-AB-1388 Monocl				MO1388	Unconjugated; also available for Biotin; HRP; 100	
5R	onal	Cattle (<i>Bos taurus</i>)	WB, ELISA	5R	FITC and other labeled form.	µg

Protein Refseq: The length of the protein is 196 amino acids long.

The sequence is show below: MADGQMPFPCHYTSRRRRDPFRDSPLSSRLDDGFGMDPFPDDLTASWPDWALPRLSSAWPGTLRSGMVPRG
PTAMTRFGVPAEGRSPPP FPGEPPWKVCNVHFSKPEELMVKTKDGYVEVSGKHEEKQKEGGIVSKNFTKKIQLPAEVDVPTVTFASLSPEGLLIE
APQVPPYSPFGES SFNNELPQDGQEVCT.

Sub Cat	Clonal Species Reactivity	Application	Clone	Conjugate	Size
MO-AB-2639 Monoclonal	Rat (<i>Rattus norvegicus</i>)	WB, ELISA	MO2639	Unconjugated; also available for Biotin; HRP; 100	100
5H	onal		5C	FITC and other labeled form.	µg
Protein Refseq: The length of the protein is 196 amino acids long. The sequence is show below: MADGQLPFPCSYPSRLRRDPFRDSPLSSRLDDGFGMDPFPDDLTAPWPEWALPRLSSAWPGTLRSGMVPRG PTATARFGVPAEGRNPPP FPGE PWKVCNVHVSFKPEELMVKTKDGYVEVSGKHEEKQQEGGIVSKNFTKKIQLPAEVD PVTVFASLSPEGLLIEA PQVPPYSPFGES SFNNELPQDNQEVTC.					
MO-AB-3119 Monoclonal	Dog (<i>Canis lupus familiaris</i>)	WB, ELISA	MO3119	Unconjugated; also available for Biotin; HRP; 100	100
0W	onal		0W	FITC and other labeled form.	µg
Protein Refseq: The length of the protein is 196 amino acids long. The sequence is show below: MADGQMPFSCHYPSRLRRDPFRDSPLSRLLDDDFGMDPFPDDLTSSWRNWALPRFSTGWPGTLRSGMVPR GPTAAARFGVPAEGRSPPP FPGE PWKVCNVHVSFKPEELMVKTKDGYVEVSGKHEEKQQEGGIVSKNFTKKIQLPAEVD PVTVFASLSPEGLLII EAPQVPPYSPFGES NFNNELPQDSQEVCT.					
MO-AB-3490 Monoclonal	Ferret (<i>Mustela Putorius Furo</i>)	WB, ELISA	MO3490	Unconjugated; also available for Biotin; HRP; 100	100
9W	onal		9W	FITC and other labeled form.	µg
Protein Refseq: The length of the protein is 195 amino acids long. The sequence is show below: MADGQMPFCHYPSRLRRDPFRDSSLSSRLDDDFGMDPFPDDLTASWRNWALPRFSPGWPGTLRSGMVPRG PTAAARFGVPAEGRSPPPF PGE PWKVCNVHVSFKPEELMVKTKDGYVEVSGKHEEKQQEGGIVSKNFTKKIQLPAEVD PVTVFASLSPEGLLIE APQVPPYSPFGESS FNNELPQDSREVTCT.					
MO-AB-5703 Monoclonal	Marmoset	WB, ELISA	MO5703	Unconjugated; also available for Biotin; HRP; 100	100
5W	onal		5W	FITC and other labeled form.	µg
Protein Refseq: The length of the protein is 196 amino acids long. The sequence is show below: MADGQMPFPCHYPSRLRRDPFRDSPLSSRLDDGFGMDPFPDDLTAPWPDWALPRLSSAWPGTLRSGMVPRG PTATARFGVPAEGRTPPP FPGE PWKVCNVHVSFKPEELKVTKDGYVEVSGKHEEKQQEGGIVSKNFTKKIQLPAEVD PVTVFASLSPEGLLIEA PQVPPYSTFGES SFNKELPQDSQEVCT.					
MO-DKB-010 Polyclonal	Human (<i>Homo sapiens</i>), Dog (<i>Canis lupus familiaris</i>), Rhesus (<i>Macaca mulatta</i>)	WB, IF, IHC, IHC-P		Unconjugated	100
97W	onal				µg



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.