

AibGenesis™ Mouse Anti-ARAF Antibody (MO-AB-07240Y)

Cat. No.: MO-AB-07240Y

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO07240Y
Specificity	This antibody binds to Rabbit ARAF.
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	Mitochondrion

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	This product is a mouse antibody against ARAF. It can be used for ARAF detection in Western Blot and Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 606 amino acids long. The sequence is show below: MEPPRGPPANGAEPSRA VGTVKVYLPNKQRTVITVRDGMSSVYDSLKALKVRGLNQDCCV VYRLIKGRKTVTAWDTAIAPLDGEELIVE VLEDVPLTMHNFVRKTTFFSLAFCD FCLKFLF HGFRCQTCGYKFHQHCSSKVPTVCVDMSTSRRQFYHSIQ DLGSSSRQHEAPSSRPLNEPL TPQGPSSCTQHHDPERFFPAPANAPLQRIIRSTSTPNVHVMVSTAAPTDS SLMQLTAQSFG TDAAGGRGGGDGAPRGSPSPASMSSGRKSPHSKSPSEQRERKSTADDDKKVKNLGYR DSG YYWEVPPSEVQLLKRI GTGSFGTVFRGRWHGDVA/VKVLKVAQPTAEQAQAFKNEMQVLRK TRHVNI

LLFMGMFTRPGFAITQWCEGSSLYHHLHVADTRFDMVQLIDVARQTAQGMDYL HAKNIIHRDLKSNNIFLH
EGLTVKIGDFGLATVKTRWSGAQPLEQPSGSLWMAAEVIRM QDPNPYSFQSDVYAYGVVLYELMTGSLP
YSHIGSRDQIIFMVGRGYLSPDLSKISSNCPK AMRRLSDCLKFQREERPLFPQILATIPELLQRSLPKIERSAS
EPSLHRTQADELPACLLS AARLVP.

Sub Cat	Clonalit y	Species	Reactivity	Applicati on	Clone	Conjugate	Size
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CBMOAB-66273	Monoclonal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO66273F	Unconjugated; also available for Biotin; HRP; FITC and ot 100 µg		
FYA	al			YA	her labeled form.		g

Protein Refseq: The length of the protein is 608 amino acids long.

The sequence is show below: MSNTSSCSSSGETSPDDTPRGGGTIRVYLPNKQRTVVNVRPGQTVYDSLKALKVRGLSQDCCAVFRLLLEGRK
RLTEWDTDITPLVGEEL LVEVLDDVPLTMHNFVRKTFKFLAYCDFCHKFLFNGFRCQTCGYKFHQCSSKVPTVCVDMDTMTKRCVNNTEDCPAI
LIYPATNSISQS DLPLTSDSPGGELPSSPSNFCLFIRGEDGQSLQRHRSTSTPNVHMVSTLEPGAAGLLEEFKISTVASYTGYESPPKPSTSPPHL
GSPGR KPPKSPSEPKERKQSSSDDKKKVHRGGYRDSSYYWEVHPREVSMKLRIGAGSFGTVFKGKWHGDVAIKILKVTPEPTPEQLQAFKNEM
QVL RKTRHVNILLFMGMFTRPNFAITQWCEGSSLYRHLHVTETKFDTMRRIDVARQTAQGMDYLHAKNIIHRDLKSNNIFLHEGWTVKIGDF GLA
TVKSRWSGSQQVEQPSGSILWMAPEVIRMQDTNPYTFQSDVYGYGVVLYELMSGTLPYSNINNDRDQIIFMVGRGYLSPDLSKLYSNC PKSMKRL
IIDCLKFKRDERPLFPQILVSIEQVQELLPKIERSASEPSLHRAVHAEDLNPLLLHTTRFL.

MO-AB-16552W	Monoclonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO16552W	Unconjugated; also available for Biotin; HRP; FITC and ot 100 µg		
	al				her labeled form.		g

Protein Refseq: The length of the protein is 606 amino acids long.

The sequence is show below: MEPPRGPPANGAEPsRAVGTVKVYLPNKQRTVVTVRDGMSVYDSLKALKVRGLNQDCCVVYRLIKGRKTVTA
WDTAIPLDGEELIVEV LEDVPLTMHNFVRKTFSLAFCDCLKFLFHGFRCQTCGYKFHQCSSKVPTVCVDMSTNRQQFYHSVDLGGSRQ
HEAPSNRPLNELL TPQGSPRTQHCDPEHFPFAPANAPLQRIRSTSTPNVHMVSTTAPMDSNLIQLTGQSFSTDAAGSRGSDGTGRGSPSPA
SVSSGRKSP HSKSPAERERKSLADDDKKVKNLGYRDSGYYWEVPPSEVQLLKRIGTGSFGTVFRGRWHGDVAVKVLKVSQPTAEQAQAFKN
EMQVLRK TRHVNILLFMGMFTRPGFAITQWCEGSSLYHHLHVADTRFDMVQLIDVARQTAQGMDYLHAKNIIHRDLKSNNIFLHEGLTVKIGDFGL
ATVKTRWSGAQPLEQPSGSLWMAAEVIRMQDPNPYSFQSDVYAYGVVLYELMTGSLPYSHIGCRDQIIFMVGRGYLSPDLSKISSNCPK AMRR
LLSDCLKFQREERPLFPQILATIPELLQRSLPKIERSASEPSLHPTQADELPACLLSAARLVP.

MO-AB-34403W	Monoclonal	Ferret (<i>Mustela putorius furo</i>)	WB, ELISA	MO34403W	Unconjugated; also available for Biotin; HRP; FITC and ot 100 µg		
	al				her labeled form.		g

Protein Refseq: The length of the protein is 606 amino acids long.

The sequence is show below: MEPPRGPPANGAEPsRAVGTVKVYLPNKQRTVVTVRDGMSVYDSLKALKVRGLNQDCCVVYRLIEGRKTVTA

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
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WDTAIAPLDGEELIVEV LEDVPLTMHNFVRKTFSSLAFCD FCLKFLFHGFR CQTCGYKFHQHCSSKVPTVCVDMSTNCRQFYH SVQDLSGGSRQ
HEVPSNRPLNEPL TPQGSSCAPHRDPEHFPFAPANAPLQRIRSTSTPNVH MVSTTAATDSSLIQLTTQSFGTDAAGSRGGGDGAPRGSPSPA
SVPSGRKSP HSKSPSEQRERKSLADDDKKKVKNLGYRDSGYWVEVPPSEVQLLK RIGTGSFGTVFRGRWHGDVAVKVLKVAQPTAEQAQAFKN
EMQVLRK TRHVNILLFMGMTRPGFAITQWCEGSSLYHHLHVADTRFDMVQLIDVARQTAQGM DYLHAKNIIHRDLKSNNIFLHEGLTVKIGDFGL
ATVKTRWSGAQPLEQPSG SVLWMAAEVIRMQDPNPYSFQSDVYAYGVVLYELMTGSLPYSHIGSRDQIIFMVGRGYLSPDLSKISSNCPK AMRR
LLSDCLKFQREERPLFPQILATIELLQRSLPKIERSASEPSLHRTQADELPACLLSAARLVP.

MO-AB-51136W	Monoclonal	Marmoset	WB, ELISA	MO51136W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 611 amino acids long.

The sequence is show below: MEPPRAPPANGAEP CRAVGTVKVYLPNKQRTVTVRDGMSVYDSL DKALKVRGLNQDCCVYRLIKGRKTVTA
WDTAIAPLDGEELIVEV LEDVPLTMHNFVRKTFSSLAFCD FCLKFLFHGFR CQTCGYKFHQHCSSKVPTVCVDMSTTCQ QFYH SVQDL SRGSKQ
HEAPSNRPLNESL TPQGSLSPGSPCNQHCDPEHFPFPTANAPLQRIRSTSTPNVH MVSSSTAPMDSNLIQLTGQSFSTDAASSRGGGDGAPR
GSPSPSVSS GRKSPHSKSPA EQRERKSLADDDKKKVKNLGYRDSGYWVEVPPSEVQLLK RIGTGSFGTVFRGRWHGDVAVKVLKVSQPTAEQ
AQAFKNEM QVLRKTRHVNILLFMGMTRPGFAITQWCEGSSLYHHLHVADTRFDMVQLIDVARQTAQGM DYLHAKNIIHRDLKSNNIFLHEGLTV
KI GDFGLATVKTRWSGAQPLEQPSG SVLWMAAEVIRMQDPNPYSFQSDVYAYGVVLYELMTGSLPYSHIGCRDQIIFMVGRGYLSPDLSKIS SN
CPKAMRRLLSDCLKFQREERPLFPQILATIELLQRSLPKIERSASEPSLHRTQADELPACLLSAARLVP.

MO-AB-07531R	Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO07531R	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 611 amino acids long.

The sequence is show below: MEPPRGPANGAEP SRVGTVKVYLPNKQRTVTVRDGMSVYDSL DKALKVRGLNQDCCVYRLIKGRKTVTA
WDTAIAPLDGEELIVEV LEDVPLTMHNFVRKTFSSLAFCD FCLKFLFHGFR CQTCGYKFHQHCSSKVPTVCVDMSTNRRQ FYH SVQDL SGSSRQ
HEVPSNRPLNEPL TPQSPSLPASSCTQHRDPEHFSFPAQANTPLQRIRSTSTPNVH MVSTTAPMDSGLIQLTGQNFNTDAAGNRGGG.

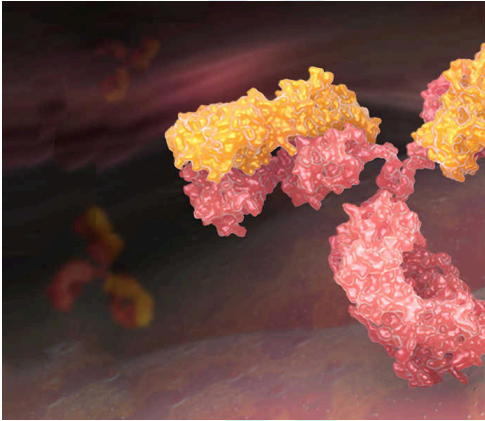
MO-AB-01524H	Monoclonal	Frog (<i>Xenopus laevis</i>)	WB, ELISA	MO01524C	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 643 amino acids long.

The sequence is show below: MKRSHTPPGALVNGALHSL SRELKGSAVMLSAAVLELPNPGARMPTQQVSSRGASVSEYPHTDGKSGGTVKV
YLPNQRTVVNVRPGMT VYDSL DKALKVRGLSQECCAVYRLIQGRKALTDWETDITPLVGEELMVEVLADVPLSMHNFVRKTHFNLAFCDFCLK
FLFHGFR CQTCGY KFHQHCSSKVPTACVDM AKLPKPLTPLSYQDFQSYEHPTVHTPLSPQPPSPRTQHPGSASFSPGEGQLQRHRSTSTP
NVHIDSTTGP VDNSIIIEALRSAAVTPVDGPPKSAQPRGSKSPQTKSPLEATRERKTSASDEKKKVQLGYRDSSYYWEVNSSEVILK RIGTGSF
GTVY RGKWHGDVAVKILKVTNPTSEIQAFKNEMQVLRKTRHVNILLFMGMTRPGFAITQWCEGSSLYRHLHVIETRFDIFQLIDIARQTAQ GM

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
DYLAHAKNIIHRDLKSNIFLHEGLTVKIGDFGLATVKTRWSGSQQVEQPSGSILWMAPEVIRMQENSPYSFQSDVYAYGVVLYELMAG LLPYANIN NRDQIIFMVGRGYLTPDLSKVSNNCPKAMKRLLVDCMKFKREERPLFPQILSSIELLQRALPKIERSASEPSLHRAVNSEDL NPFLISTLRLVPQ.						
MO-AB-14228Y	Monoclonal	Sheep (<i>Ovis aries</i>)	WB, ELISA	MO14228Y	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 606 amino acids long. The sequence is show below: MEPPRGPPANGAEPSRSVGTVKVYLPNKQRTVVTVRDGMSVYDSLDKALKVRGLNQDCCVVYRLIKGRKTVTAWDTAIAPLDGEELIVEV LEDVPLTMHNFVRKTFFSLAFCDFCLKFLFHGFRCTCGYKFHQHCSSKVPTVCVDMSTNRRQFYHSVQDLSGSSRQHEVPSNRPLNEPL TPQSPSSCTQHRDPEHFSFPAQANTPLQRIIRSTSTPNVHMVSTTAPMDSGLIQLTGQNFNTDAAGNRGGGDGAPRGSPSPASVSSGRKSP HSKSPSEQRERKSLADDKKKVKNLGYRDSGYYWEVPPSEVQLLKRIGHTGSFGTVFRGRWHGDVA/VKVLKVAQPTAEQAQAFKNEMQVLRK TRHVNILLFMGMTRPGFAITQWCEGSSLYHHLHVADTRFDMVQLIDVARQTAQGMDYLHAKNIIHRDLKSNIFLHEGLTVKIGDFGL ATVKTRWSGAQPLEQPSGSVLWMAAEVIRMQDPNPYSFQSDVYAYGVVLYELMTGSLPYSHIGSRDQIIFMVGRGYLSPDLSKISSNCPK AMRRLSDCLKFQREERPLFPQILATIELLQRLPKIERSASEPSLHRTQADELPACLLSAARLVP.



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.