

AibGenesis™ Mouse Anti-ARFGEF2 Antibody (CBMOAB-36128FYA)

Cat. No.: CBMOAB-36128FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO36128FYA
Specificity	This antibody binds to Rhesus ARFGEF2.
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; Golgi apparatus; Cytoskeleton; 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

Product Overview	Mouse Anti-Rhesus ARFGEF2 Antibody is a mouse antibody against ARFGEF2. It can be used for ARFGEF2 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 1783 amino acids long. The sequence is show below: MQESQTKSMFVSRALKEILADKEVKRPQHSQQLRRACQVALDEIKAEIEKQRLGTAAPPKAFNIEADKYFLPFELACQSKSPRVVSTSLDCLQKLIAYGHITGNAPDSGAPGKRLIDRIVE TICNCFQGPQTDEGVQLQIIKALLTAVTSPHIEHETILQTVRTCYNILASKNLINQTTAKATLTQMLNVIFTRMENQVLQEARELEKPIQSKPQSPVIAAAVSPKFVRLKHSQAQS KPTTPEKDTLNGEHARSDSGKVSTENGHA PRERGSSLSGTDDGAQEVVKDILEDVVTSA IKEAAEKHGLTEPERVLGELECQECAIPPGVDENSQTNZIA

DDRQSLSSADNLESDAQGH QVAARFSHVLQKDAFLVFRSLCKLSMKPLGEGPPDPNSAIFNPMIQQHMLV
 CFTLPLFQE FSVLCFLVSVSAGMVLQLSDSCILYMPDVFELSIAIFLTLLSNFKMHLKMQIEVFFKEIF LNILE
 TSTSSFEHRWMVIQTLTRICADAQCVDIYVNYDCDLNANIFERLVNDLSKIAQ GRSGHELGMTPLQELSL
 RKKGLECLVSILKCMVEWSKDLYVNPNTSLGQERLMDQEMG DGKGLDMARRCSVTSMESTVSSGTQ
 TTIQDDPEQFEVIKQKKEIIEHGIELFNKKPKRGI QFLQEQGMLGTSPEDIAQFLHQEERLDSTQVGDFLGD
 STRFNKEVMYAYVDQLDFCEKEF VSALRTFLEGFRLPGEAQKIDRLMEKFAARYIECNQGQTLFASADTAY
 VLAYSIIMLTTD LHSPQVKNKMTKEQYIKMNRGINDSKDLPEEYLSSYEEIEGKKIAMKETKELTIATKST KQ
 NVASEKQRRLLYNLEMEQMAKTAKALMEAVSHAKAPFTSATHLDHVRPMPFKLVWTPLL AAYSIGLQNCDDT
 EVASLCLEGIRCAIRIACIFGMQLERDAYVQALARFSLTASSSITE MKQKNIDTIKTLITVAHTDGNLGNLNSW
 HEILKCISQLELAQLIGTGKTRYLSGSGRERE GSLKGHTLAGEEFMGLGLGNLVSGGVDKRQMASFQESV
 GETSSQSVVAVDRIFTGSTRD DGNAIVDFVRWLCVSMDELASPHHPRMFSLQKIVEISYNNMRIRLQW
 SRIWHVIGDHF NKVGCNPNEDVAIFAVDSLRLQSLMKFLEKGELANFRFQKDFLRPFHEIMKKNRSPITRDM
 VIRCIAQMVNSQAANIRSGWKNIFAVFHQAASDHDGNIVELAFQTTCHIVTTIFQHHPFA AIDSFDQAVKCLS
 EFACNAFPDTSMEAIRLIRFCGKYVSRPRVLQEYTSDDMNAPGD RVWVRGWFPILFELSCIIINRCKLD
 VRTRGLTVMFEIMKSYGHTFEKHWWQDLFRIVFRIF DNMKLPEQQSEKSEWMTTCNHALYAICDVFTQFY
 EALNEVLLSDVFAQLQWCVKQDNEQ LARSGTNCLNENLVISNGEKFSPVWDETNCMLDIFKTTIPHVLLT
 WRPVGMEDSSEKH LDVDLDRQSLSSIDKNPSEGRQSLSNPTDDSWKGRPYANQKLFASLLIKCVVQLE
 LIQT IDNIVFYPATSKKEDAEHMVAQDQTLADIIHETEDQGMKYKMSSQHLFKLLDCLQESH SFSKAFNS
 NYEQRTVLWRAGFKGSKPNLLKQETSSLACCLRILFRMYVDENRRDSWEEI QQRLLTVCSEALAYFITVN
 SESHREAWTSLLLLLLTKTLKINDEKFAHASMYYPYLCEI MQFDLPELRAVLRKFFLRIGVVYKIWIPEEPS
 QVPAALSPVW.

Sub Cat	Clonality	Species	Reactivity	Application	Clone	Conjugate	Size
CBMOAB-66304	Monoclonal	Zebrafish (<i>Danio rerio</i>)	WB, ELISA	MO66304F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg	

Protein Refseq: The length of the protein is 1846 amino acids long.

The sequence is shown below: MKEQEALATHRRHTQTESLSTKSMFLSRALEKILADKEVKRSQHNQLRKACQVALDEIKHELEKQKDGTVVPPRA
 NYIEADKYVLPFELA CQSKSPRIVSTSLDCLQKLIAYGHITGNAPDSAAPGKRLIDRLVETICNCFQGPQTDEGVQLQIIKALLTAVTSPHIEIHEGTILL
 TVRT CYNILASRNLIQTTAKATLTQMLNVIFTRMENQAALAEQAEKERQRLQLRNPSPVSSNPSPVNQNPSQTPGRGSGSPWMGRACSEQ
 N GSPCLSPPGVPSTPSTPQDSSINSRPEEEFATDKQSTKDITHPDEELQESDQTTVDPSVTGGVEGEETHPQSETEAGSEVLEETPDSEG LGD
 SSVEGGDLQHSDETMRPPPVVRVDTQQMNGMVDDRGSESSTDMLDAESIHGSQTAARFSHILQKDAFLVFRSLCKLSMKPLADGPP DPKSHE
 LRSKVVSLLQLLSVLQGAGPVFRTHMFVNAIKQYLCVALSKNGVSSVPEVFELSIAIFLTLLSHFKVHLKMQIEVFFREIFLT ILETSSSSFEHKWM
 VIQTLTRICADAQCVDIYVNYDCDLNANIFERLVNDLSKIAQGRSGQELGMTPLQELSLRKKGLECLVSILKCM VEWSRDMYVNPNLQANLGQ
 ERPAEGDSADVKLSEHLSSRRDSVSSLDSTVSSGVQQSQPDHPEQYEVIKQKKEIIEHGIELFNKKPKRGL QYLQEQGMLGTSPEDIAQFLQEE
 RLDTTQVGEFLGENVKFNKEVMYCYVDRLDFCGKDFVSALRAFLEGFRLPGEAQKIDRLMEKFAAR YLECNQGQTLFASADTAYVLAYSIIMLTTD
 LHSPQVKNKMTKEQYIKMNRGINDSKDLPEEYLSSYDEIAGKKIAMKESKEYSITPKSS KQNVANEKQRRLLYNMEMEQMAKTAKALMEAVSHA
 QAPFFSATHLEHVRPMPFKLAWTPLLAASFVGLQDCDDQDVASLCLEGIRCAIRIA CIFNMQLERDAYIQALARFTLLTASSSITE MKQKNIDTIKTLIM

Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
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VAHTDGNLYLGNWHEILRCISQLELAQLIGTGVMRISGVVRDQGG GIKGFPSGGEEFMPLGLGLTLVGPDQRQMAHIQESVGETSSQSVVVAV
 DRIFTGSTRLDGNAIVDFVRWLCAVSMDELASAHQPRMFLSQ KIVEISYYNMNRIRLQWSRIWQVIGDHFNKVGCNPNEDVAIFAVDSLRLQSMK
 FLEKGELANFRFQKDFLRPFHEHIVKKNRSPTIRDMVI RCVAQMVNSQAANIRSGWKNIFSVFHQAASDHENIVDLAFQTTGHIVMNTFQQHFHAAA
 IDSFQDAVKCLSEFVCNAAFPDTSMEDIAIRL RHCAKYVSRPQALREYTSDDMNVPAGDRVWVRGWFPILFELSCIINRCKLDVRTRGLTVMFEIM
 KSYGHTFEKHWWHDLFRIFRIFDN MKLPEQQTEKTEWMTTTCNHALYAICDVFTQFYEPLSEVLLADIFAQLQWCVKQDNEQLARSGTNCLENL
 VILNGEKFSPEVWDVTCSCM LDIFQTTSPHALLTWRPAGQEEVEGEGKHMDEVDSSQSSSFERTLSERGHSSQMSTASDETWKGKSHTRVSD
 HRLFAGLLIKCVVQLELI QTIDNIVFYPATSKREDAENMAAAQRDALEQAEEGEAEVDQGMRYHLSSQHLFKLLDCLLESHRFAKDFNSNNEQRTA
 LWRAGFKGKSKP NLLKQETSSLACSLRILFRMYSQTQLRDSWPDQITRLLHVCSEALAYFISLTSESHREAWTSLLLLLRTLRPLPDDKFKPHASC
 YYHHL CEMMQFDLPELRAVLRFFLRIGSVFHIAAPELGQAQPSSSSSSS.

MO-AB-22121W	Monoclonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO22121W	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 1785 amino acids long.

The sequence is shown below: MQESQTKSMFVSRALKEILADKEVKRPQHSQRLRRACQVALDEIKAEIEKQRLGTAAPPKANFIEADKYFLPFELAC
 QSKSPRVVSTSLDC LQKLIAYGHITGNAPDSGAPGKRLIDRIVETICNCFQGPQTDEGVQLQIIKALLTAVTSPHIEHETILQTVRTCYNILASKNL
 INQT TAKATLTQMLNVIFTRMENQVLQEARELEKPIQSKPQSPVIAAAVSPKFVRLKHSQAQSKPTTPEKTDLTNGEHARSDSGKVSTENGDA P
 RERGSSLSGTDDGAQEVVKDILEDVVTSAIKEAAEKHGLTEPERVLGELECQECAIPPGVDENSQTNGIADDRQSLSSADNLESDAQGH QVAAR
 FSHVLQKDAFLVFRSLCKLSMKPLGEGPPDPKSHELRSKVSVLQLLSVLQNA GPVFRTHEMFINAIKQYLCVALSKNGVSSVPD VFELSIAIFLTL
 LSNFKMHLKMQIEVFFKEIFLNILETSTSSFEHRWMVIQTLTRICADAQCVDIYVNYDCDLNANIFERLVNDLSKI AQGRSGHELGMTPLQELSLR
 KKGLECLVSILKCMVEWSKDLYVNPNHQTS LGQERLTDQEIGDGKGLDMARRCSVTSMESTVSSGTQTTV QDDPEQFEVIKQKKEIIEHGIELFN
 KKPKRGIQFLQE QGMLGTSVEDIAQLHQEERLDSTQVGDFLGDSARFNKEVMYAYVDQLDFCEK EFVSALRTFLEGFRLPGEAQKIDRLMEKF
 AARYIECNQGQTLFASADTAYVLAYSIIMLTDLHSPQVKNMKTKEQYIKMNRGINDSKDL PEEYLSSIIYEEIEGKKIAMKETKELTIATKSTKQNVAS
 EKQRRLLYNLEMEQMAKTAKALMEAVSHAKAPFTSATHLDHVRPMPFKLVWTP LLAAYSIGLQNCDDTEVASLCLEGIRCAIRIACIFGMQLERDAY
 VQALARFSLLTASSSITEMKQKNIDTIKTLITVAHTDGNLYLGNWSH EILKCISQLELAQLIGTGVMKTRYLSGSGREREGSLKGHTLAGEEFMGLGLG
 NLVSGGVDRQMASFQESVGETSSQSVVVAVDRIFTGST RLDGNAIVDFVRWLCAVSMDELASPHHPRMFLSQKIVEISYYNMNRIRLQWSRIW
 HVIGDHFNKVGCNPNEDVAIFAVDSLRLQSMKFLE KGELANFRFQKDFLRPFHEHIMKKNRSPTIRDMAIRCIAQMVNSQAANIRSGWKNIFAVFHQ
 AASDHGDNIVELAFQTTCHIVTTIFQHHF PAAIDSFQDAVKCLSEFACNAAFPDTSMEDIAIRLIRFCGKYVSRPRLQEYTSDDMNVPAGDRVWVR
 GWFPILFELSCIINRCKLDVRTR GLTVMFEIMKSYGHTFEKHWWQDLFRIVFRIFDNMKLPEQLSEKSEWMTTTCNHALYAICDVFTQFYEALNEV
 LLSDVFAQLQWCVKQDN EQLARSGTNCLENLVISNGEKFSPEVWDETCNCMLDIFKTTIPHVLLTWRPVGMEDDSSEKHLVDLDRQSLSSIDK
 NPSERGQSLSNP TDDSWKGRPYANQKLFASLLIKCVVQLELIQTIDNIVFYPATSKKEDAEHMVAAQQDTLDADIHIETEDQGMKYKMSSQHLFK

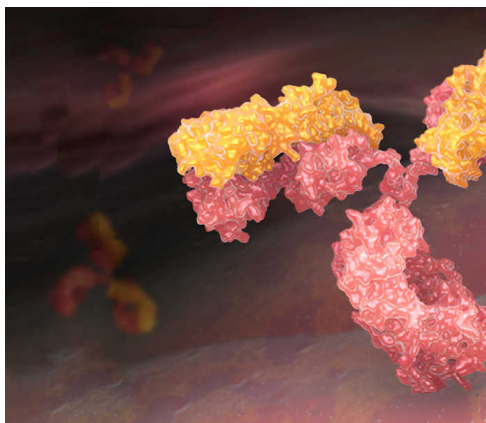
Sub Cat	Clonalit y	Species Reactivity	Applicati on	Clone	Conjugate	Size
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LLDCLQE SHSFSKAFNSNYEQRTVLWRAGFKGKSKPNLLKQETSSLACCLRILFRMYVDENRRDSWEEIQQRLLTVCSEALAYFITVNSESHREA
WT SLLLLLLTKTLKINDEKFAHASMYYPYLCEIMQFDLIPELRAVLRKFFLRIGVVYKIWIPEEPSQVPAALSPVW.

MO-AB-51163W	Monoclonal	Marmoset	WB, ELISA	MO51163W	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 1785 amino acids long.

The sequence is show below: MQESQTKSMFVSRALEKILADKEVKRPQHSQQLRRACQVALDEIKAEIEKQRLGTAAPPKANFIEADKYFLPFELAC
QSKSPRVVSTSLDC LQKLIAYGHITGNAPDSGAPGKRLIDRIVETICSCFQGPQTDEGVQLQIIKALLTAVTSPHIEIHEGTILQTVRTCYNILASKNL
INQT TAKATLTQMLNVIFTRMENQVLQEARELEKPIQSKPQSPVIAAAVSPKFVHLKHSQAQSKPTTPEKTDLTGGEHARSDSGKVSTENGDT P
REGGSLLSGTDDGAQEVVKDILEDVVTSAVKEAAEKHGLTEPQRVLGELECQECAIPPGIDENSQTNGIADDRQSLSSADNLESDAQGH QVAAR
FSHVLQKDAFLVFRSLCKLSMKPLGEGPPDPKSHELRSKVSVSLQLLSVLQNAGPVFRTHEMFINAQKQYLCVALSKNGVSSVPD VFELSIAIFLTL
LSNFKMHLKMQIEVFFKEIFLNILETSTSSFHRWMMVIQTLTRICADAQCVDIYVNYDCDLNANIFERLVNDLSKI AQGRSGHELGMTPLQELSLR
KKGLECLVSILKCMVEWSKDLYVNPNHQTSLGQERLTDQEMGDGKGLDMARRCSVTSMESTVSSGTQTTV QDDPEQFEVIKQQKEIEHGIELF
NKKPKRGIQFLQEQGMGTSVEDIAQFLHQEERLDSTQVGDFLGDSARFNKEVMYAYVDQLDFCEK EFVSALRTFLEGFRLPGEAQKIDRLMEK
FAARYIECNQGQTLFASADTAYVLAYSIIMLTDLHSPQVKNKMTKEQYIKMNRGINDSKDL PEEYLSSIEEIEGKKIAMKETKEHTIATKSTKQNV
SEKQRRLLYNLEMEQMAKTAKALMEAVSHAKAPFTSATHLDHVRPMFKLVWTP LLAAYSIGLQNCDDTEVASLCLEGIRCAIRIACIFGMQLERDA
YVQALARFSLLTASSSITEKQKNIDTIKTITVAHTDGNYLGNWSH EILKCISQLELAQLIGTVKTRYLSGSGREREGSLKSHTLAGEEFMGLGL
GNLVSGGVDKRQMASFQESVGETSSQSVVAVDRIFTGST RLDGNAIVDFVRWLCAVSMDELASPHPRMFLQKIVEISYYNMNRIRLQWSRI
WHVIGDHFNKVGCNPNEVAIFAVDSLRLQSLMKFLE KGELANFRFQKDFLRPFHEIMKKNRSPTIRDMVIRCIQMVNSQAANIRSGWKNIFAVFH
QAASDHGDNIVELAFQTSCHIVTTIFQHFF PAAIDSFQDAVKCLSEFACNAAFPDTSM EAIRLIRFCGKYVSRERPRVLQEYTSDDMNVA PGDRVWV
RGWFPIELFELSCIINRCKLDVRTR GLTVMFEIMKSYGHTFEKHWWQDLFRIVFRIFDNMKLPEQQSEKSEWMTTTCNHALYAICDVFTQFYEALNE
VLLSDVFAQLQWCVKQDN EQLARSGTNCLENLVISNGEKF SPEVWDETCNCMLDIFKTIPHVLLTWRPAGMEEDSSEKHLDVDLDRQSLSSIDK
NPSERGQSQSLSNP TDDSWKGRPYANQKLFASLLIKCVVQLELIQTIDNIVFYPATSKKEDAEHMAAQQDTLDADIHIETEDQGMKYKMSSQHLFK
LLDCLQE SHSFSKAFNSNYEQRTVLWRAGFKGKSKPNLLKQETSSLACCLRILFRMYVDENRRDSWEEIQQRLLTVCSEALAYFITVNSESHREA
WT SLLLLLLTKTLKINDEKFAHASMYYPYLCEIMQFDLIPELRAVLRKFFLRIGVVYKIWSPEEPSQVPAILSPVW.



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.