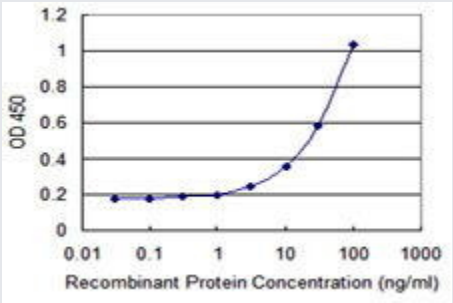
PLEKHM1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PLEKHM1, Monoclonal Antibody
Full Product Name	PLEKHM1 (Pleckstrin Homology Domain-containing Family M Member 1, PH Domain-containing Family M Member 1, 162kD Adapter Protein, AP162, KIAA0356, OPTB6) (AP)
Product Gene Name	anti-PLEKHM1 antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1C9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PLEKHM1.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Partial recombinant corresponding to aa957-1056 from PLEKHM1 (AAH64361) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PHRFSVADLQQIADGVYEGFLKALIEFASQHVYHCDLCTQRGFICQICQHHDIIFPFEFDTTVRCAECKTVFHQSCQAVVKKGCPRCARRRKYQEQNIFA
Conjugate	AP
Product Categories/Family for anti-PLEKHM1 antibody	Antibodies; Pleckstrin Homology Proteins
Applications Tested/Suitable for anti-PLEKHM1 antibody	ELISA (EIA)
Application Notes for anti-PLEKHM1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PLEKHM1 antibody	Involved in vesicular transport in the osteoclast. May have a role in sialyl-lex-mediated transduction of apoptotic signals.
Other Notes	Small volumes of anti-PLEKHM1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for PLEKHM1 purchase	MBS6133004 is an antibody targeting PLEKHM1. Also known as PLEKHM1 (Pleckstrin Homology Domain-containing Family M Member 1, PH Domain-containing Family M Member 1, 162kD Adapter Protein, AP162, KIAA0356, OPTB6) (AP). Reactive in Human. Host: Mouse.



Testing Data of anti-PLEKHM1 antibody
Detection limit for recombinant GST tagged PLEKHM1 is ~1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLEKHM1. It may not necessarily be applicable to this product.

NCBI GI #	39962925
NCBI GeneID	9842
NCBI Accession #	BC064361
NCBI Related Accession #	AAH64361
UniProt Related Accession #	Q9Y4G2
NCBI Official Full Name	Homo sapiens pleckstrin homology domain containing, family M (with RUN domain) member 1, mRNA
NCBI Official Synonym Full Names	pleckstrin homology and RUN domain containing M1
NCBI Official Symbol	PLEKHM1
NCBI Official Synonym Symbols	B2; AP162; OPTA3; OPTB6
Protein Family	Pleckstrin homology domain-containing family
NCBI Protein Information	pleckstrin homology domain-containing family M member 1
NCBI Summary for PLEKHM1	The protein encoded by this gene is essential for bone resorption, and may play a critical role in vesicular transport in the osteoclast. Mutations in this gene are associated with autosomal recessive osteopetrosis type 6 (OPTB6). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2009]
Research Articles on PLEKHM1	**1.** identified PLEKHM1 as an endolysosomal adaptor platform that acts as a central hub to integrate endocytic and autophagic pathways at the lysosome
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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