AP1S2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	AP1S2, Monoclonal Antibody
Full Product Name	AP1S2 (AP-1 Complex Subunit sigma-2, Adapter-related Protein Complex 1 sigma-1B Subunit, Adaptor Protein Complex AP-1 sigma-1B Subunit, Clat HA1/AP1 Adaptin sigma-1B Subunit, Sigma 1B Subu
Product Gene Name	anti-AP1S2 antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3B9-G5
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human AP1S2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	23,225 Da
Immunogen	Full length recombinant corresponding to aa1-158 from human AP1S2 (AAH01117) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MQFMLLFSRQGKLRLQKWYVPLSDKEKKKITRELVQTVLARKPKMCSFLEWRDLKIVYKRYASLYFCCAIEDQDNELITLEIIHRYVELLDKYFGSVCELDII
Conjugate	APC
Product Categories/Family for anti-AP1S2 antibody	Antibodies; Adapter Proteins
Applications Tested/Suitable for anti-AP1S2 antibody	ELISA (EIA)
Application Notes for anti-AP1S2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-AP1S2 antibody	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosom membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.
Other Notes	Small volumes of anti-AP1S2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for AP1S2 purchase	MBS6135313 is an antibody targeting AP1S2. Also known as AP1S2 (AP-1 Complex Subunit sigma-2, Adapter-related Protein Complex 1 sigma-1B Su Protein Complex 1 sigma-1B Small Chain, Golgi Adaptor HA1/AP1 Adaptin sigma-1B Subunit, Sigma 1B Subu. Reactive in Human. Host: Mouse.



Testing Data of anti-AP1S2 antibody
Detection limit for recombinant GST tagged AP1S2 is ~3ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AP1S2. It may not necessarily be applicable to this product.

NCBI GI #	33876015
NCBI GeneID	8905
NCBI Accession #	BC001117
NCBI Related Accession #	AAH01117
UniProt Secondary Accession #	O95326; Q9H2N6; B4DSU4
NCBI Official Full Name	Homo sapiens adaptor-related protein complex 1, sigma 2 subunit, mRNA
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/ap1s2/6135313