SH3MD2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	SH3MD2, Monoclonal Antibody
Full Product Name	SH3MD2 (SH3 Domain Containing Ring Finger 1, FLJ21602, KIAA1494, POSH, RNF142, SH3MD2) (MaxLight 650)
Product Gene Name	anti-SH3MD2 antibody
Product Synonym Names	SH3 Domain Containing Ring Finger 1; FLJ21602; KIAA1494; POSH; RNF142; SH3MD2
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F7
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified
Specificity	Recognizes SH3MD2.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	48,108 Da
3D Structure	ModBase 3D Structure for Q7Z6J0
Immunogen	SH3MD2 (NP_065921, 790aa-888aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	LAQDAFHRKASSLDSAVPIAPPPRQACSSLGPVLNESRPVVCERHRVVVSYPPQSEAELELKEGDIVFVHKKREDGWFKGTLQRNGKTGLFPGSFVENI
Conjugate	MaxLight650
Product Categories/Family for anti-SH3MD2 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-SH3MD2 antibody	Western Blot (WB)
Application Notes for anti-SH3MD2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SH3MD2 antibody	This gene encodes a protein containing an N-terminus RING-finger, four SH3 domains, and a region implicated in binding of the Rho GTPase Rac. Via the RING-finger, the encoded protein has been shown to function as an ubiquitin-protein ligase involved in protein sorting at the trans-Golgi network. The encoded protein may also act as a scaffold for the c-Jun N-terminal kinase signaling pathway, facilitating the formation of a functional signaling module. [provided by RefSeq]

Other Notes	Small volumes of anti-SH3MD2 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 SH3MD2 purchase	MBS6229860 is an antibody targeting SH3MD2. Also known as SH3MD2 (SH3 Domain Containing Ring Finger 1, FLJ21602, KIAA1494, POSH, RNF142, SH3MD2) (MaxLight 650). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SH3MD2. It may not necessarily be applicable to this product.

NCBI GI #	51988887
NCBI GeneID	57630
NCBI Accession #	NP_065921
UniProt Primary Accession #	Q7Z6J0
UniProt Secondary Accession #	Q05BT2; Q8IW46; Q9HAM2; Q9P234
UniProt Related Accession #	Q7Z6J0
GenBank Nucleotide #	NM_020870
NCBI Official Full Name	E3 ubiquitin-protein ligase SH3RF1
NCBI Official Synonym Full Names	SH3 domain containing ring finger 1
NCBI Official Symbol	SH3RF1
NCBI Official Synonym Symbols	POSH; RNF142; SH3MD2
UniProt Protein Name	E3 ubiquitin-protein ligase SH3RF1
UniProt Synonym Protein Names	Plenty of SH3s; Protein POSH; RING finger protein 142; SH3 domain-containing RING finger protein 1; SH3 multiple domains protein 2
UniProt Gene Name	SH3RF1
UniProt Synonym Gene Names	KIAA1494; POSH; RNF142; SH3MD2; Protein POSH
UniProt Entry Name	SH3R1_HUMAN
NCBI Protein Information	E3 ubiquitin-protein ligase SH3RF1; SH3 domain-containing RING finger protein 1; SH3 multiple domains 2; SH3 multiple domains protein 2; plenty of SH3 domains; plenty of SH3s; putative E3 ubiquitin-protein ligase SH3RF1; ring finger protein 142
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