SH2D3A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	SH2D3A, Monoclonal Antibody
Full Product Name	SH2D3A (SH2 domain containing 3A, Novel SH2-containing Protein 1, NSP1, SH2 Domain-containing Protein 3A, UNQ175/PRO201) (MaxLight 650)
Product Gene Name	anti-SH2D3A antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3B11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human SH2D3A.
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 use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifug removing the cap.
OMIM	604721
3D Structure	ModBase 3D Structure for Q9BRG2
Immunogen	Partial recombinant corresponding to aa460-575 from SH2D3A (NP_005481) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GAGPCDPGEVALPHVAPMVRLLEGEEVAGPLDESCERLLRTLHGARHMVRDAPKFRKVAAQRLRGFRPNPELREALTTGFVRRLLWGSRGAGAPRAEF
Conjugate	MaxLight650
Product Categories/Family for anti-SH2D3A antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-SH2D3A antibody	FLISA, Western Blot (WB)
Application Notes for anti-SH2D3A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SH2D3A antibody	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imagin immunodetection. Absorbance (655nm); Emission (676nm); Extinction Coefficient 250,000.

Other Notes	Small volumes of anti-SH2D3A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece 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 ma
Searchable Terms for SH2D3A purchase	MBS6224614 is an antibody targeting SH2D3A. Also known as SH2D3A (SH2 domain containing 3A, Novel SH2-containing Protein 1, NSP1, SH2 Dom UNQ175/PRO201) (MaxLight 650). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SH2D3A. It may not necessarily be applicable to this product.

NCBI GI #	1519244524
NCBI GeneID	10045
NCBI Accession #	NM_005490.3
UniProt Primary Accession #	Q9BRG2
UniProt Related Accession #	Q9BRG2
GenBank Nucleotide #	NM_005490
NCBI Official Full Name	Homo sapiens SH2 domain containing 3A (SH2D3A), mRNA
NCBI Official Synonym Full Names	SH2 domain containing 3A
NCBI Official Symbol	SH2D3A
NCBI Official Synonym Symbols	NSP1
UniProt Protein Name	SH2 domain-containing protein 3A
UniProt Synonym Protein Names	Novel SH2-containing protein 1
Protein Family	SH2 domain-containing protein
UniProt Gene Name	SH2D3A
UniProt Synonym Gene Names	NSP1
UniProt Entry Name	SH23A_HUMAN
NCBI Protein Information	SH2 domain-containing protein 3A
UniProt Comments for SH2D3A	SH2D3A: May play a role in JNK activation. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 19p13.3 Molecular Function: protein binding; SH3/SH2 adaptor activity; guanyl-nucleotide exchange factor activity Biological Process: positive regulation of signal transduction; small GTPase mediated signal transduction; JNK cascade; positive regulation of GTPase activity
Research Articles on SH2D3A	**1.** NSP1 overexpression did not induce anti-estrogen resistance in breast tumor cell lines.
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