

Mouse STAM Monoclonal Antibody | anti-STAM antibody

STAM Mouse Monoclonal Antibody (G1G5)

CATALOG # AAA77826	HOST Mouse	REACTIVITY Mouse, Rat, Human	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

STAM; Monoclonal Antibody; STAM Mouse Monoclonal Antibody (G1G5); Signal transducing adapter molecule; anti-STAM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Rat, Human
Clonality	Monoclonal
Clone Number	G1G5
Specificity	The antibody recognizes the STAM1 and STAM2.
Form/Format	Lyophilized protein G purified in PBS pH7.4
Sequence Length	540
Applicable Applications for anti-STAM antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preservative	None
Preparation and Storage	Lyophilized antibody can be kept at 4 degree C for up to 3 months and should be kept at -20 degree C for long-term storage. To avoid freeze-thaw cycles, reconstituted antibody should be aliquoted before freezing for short-term storage (-20 degree C) or for long-term storage (-80 degree C). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer.

IMAGES


WB (Western Blot)

Western blot analysis of STAM expression in HeLa cells. Anti-STAM 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-STAM antibody

The signal transducing adapter molecule 1 (STAM1) and signal transducing adapter molecule 2 (STAM2) are regulators of receptor signalling and trafficking. STAM interacts with the hepatocyte growth factor-regulated tyrosine kinase substrate (Hrs) to form a heterodimeric complex which mediates the endocytic sorting of ubiquitinated membrane proteins. Studies have demonstrated that the complex STAM/Hrs is tyrosine-phosphorylated in response to a variety of growth factors including EGF, HGF and PDGF. STAM1 and STAM2 phosphorylation occurs on tyrosines upon stimulation with cytokines through the Jak3 signaling pathway, which is essential for T-cell development. STAM has an important role in T-cell development and survival in the thymus through the prevention of apoptosis but is not necessary for the proximal signaling of TCR and cytokine receptors.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507249
NCBI GeneID	8027
NCBI Accession #	NP_003464.1
NCBI GenBank Nucleotide #	NM_003473.4
UniProt Accession #	Q92783; Q8N6D9; B0YJ99; D3DRU5
NCBI Official Full Name	signal transducing adapter molecule 1 isoform a
NCBI Official Synonym Full Names	signal transducing adaptor molecule
NCBI Official Symbol	STAM
NCBI Official Synonym Symbols	STAM1; STAM-1
NCBI Protein Information	signal transducing adapter molecule 1
UniProt Protein Name	Signal transducing adapter molecule 1
UniProt Gene Name	STAM
UniProt Synonym Gene Names	STAM1; STAM-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/stam-antibody-clone-g1g5-western-blot-immunohistochemistry-elisa/77826>