

For Research Use Only

STAM Monoclonal antibody

Catalog Number: 68628-1-Ig



Basic Information

Catalog Number: 68628-1-Ig	GenBank Accession Number: BC030586	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8027	CloneNo.: 1F5C2
Source: Mouse	Full Name: signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Calculated MW: 59 kDa	
Immunogen Catalog Number: AG33192	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : HCT 116 cells, RAW 264.7 cells, HeLa cells, LNCaP cells, HepG2 cells, Jurkat cells, K-562 cells, TF-1 cells, HSC-T6 cells

Background Information

STAM, also named as STAM1, belongs to the STAM family. It is involved in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSF stimulation, it plays a role in signaling leading to DNA synthesis and MYC induction. STAM may also play a role in T-cell development. It is involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs). Together with HRS, STAM forms ESCRT-0. STAM was originally identified as an adaptor protein involved in cytokine signaling.(PMID:20505072)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

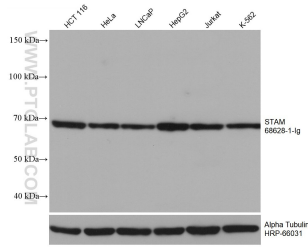
For technical support and original validation data for this product please contact:

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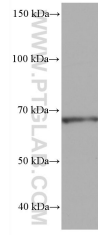
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68628-1-Ig (STAM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 68628-1-Ig (STAM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.