STAM Monoclonal antibody, PBS Only

Catalog Number:68628-1-PBS

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Basic Information

Catalog Number: 68628-1-PBS	**GenBank Accession Number:** BC030586	**Purification Method:** Protein A purification
Size: 1 mg/ml	**GeneID (NCBI):** 8027	**CloneNo.:** 1F5C2
Source: Mouse	**UNIPROT ID:** Q92783	
Isotype: IgG2b	**Full Name:** signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	
Immunogen Catalog Number: AG33192	**Calculated MW:** 59 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB,Indirect ELISA

Species Specificity:
Human, mouse, rat

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-CSL 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)
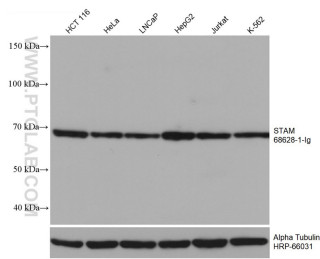
Storage

Storage:
Store at -80℃.
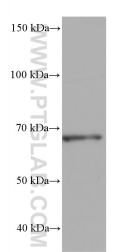The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 68628-1-PBS in a different storage buffer formulation.

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. This data was developed using the same antibody clone with 68628-1-PBS in a different storage buffer formulation.