For Research Use Only

STAM Monoclonal antibody

Catalog Number:68628-1-Ig

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Basic Information

Catalog Number:
68628-1-Ig

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG33192

GenBank Accession Number:
BC030586

GeneID (NCBI):
8027

UNIPROT ID:
Q92783

Full Name:
signal transducing adaptor molecule (SH3 domain and ITAM motif) 1

Calculated MW:
59 kDa

Observed MW:
70 kDa

Purification Method:
Protein A purification

CloneNo.:
1F5C2

Recommended Dilutions:
WB 1:5000-1:50000

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

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)

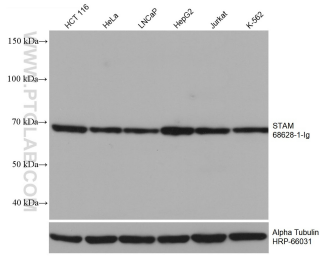
Storage

Storage:
Store at -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

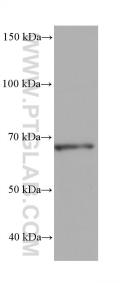
***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.