

For Research Use Only

# CoraLite® Plus 488-conjugated STAM Polyclonal antibody

Catalog Number: CL488-12434

Featured Product



## Basic Information

Catalog Number:

CL488-12434

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3112

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:

Antigen affinity purification

Recommended Dilutions:

FC (Intra): 0.40 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : HeLa 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

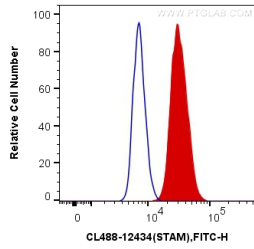
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human STAM (CL488-12434) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.