

For Research Use Only

# CoraLite®594-conjugated SH2D1B Polyclonal antibody

Catalog Number:CL594-11871



## Basic Information

Catalog Number:

CL594-11871

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2454

GenBank Accession Number:

BC022407

GeneID (NCBI):

117157

UNIPROT ID:

O14796

Full Name:

SH2 domain containing 1B

Calculated MW:

132 aa, 15 kDa

Observed MW:

15 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

## Background Information

SH2D1B, also named as EAT2, an adaptor expressed in innate immune cells, including natural killer (NK) cells. It plays a role in controlling signal transduction through at least four receptors, CD84, SLAMF1, LY9 and CD244, expressed on the surface of professional antigen-presenting cells. EAT-2 overexpression would enhance the innate immune responses and also result in more potent Carcinoembryonic antigen-specific adaptive immune responses.

## 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:

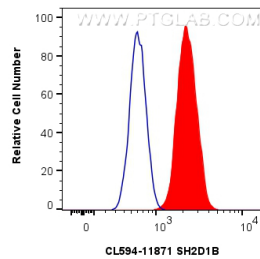
T: 4006900926

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

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

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## Selected Validation Data



$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.4  $\mu$ g Coralite®594 Sh2d1b Polyclonal Antibody (CL594-11871) and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.4  $\mu$ g Coralite®594-conjugated Rabbit IgG control Rabbit PolyAb (CL594-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).