

For Research Use Only

CoraLite® Plus 488-conjugated Stomatin Monoclonal antibody



Catalog Number: **CL488-67894**

Basic Information

Catalog Number:

CL488-67894

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG2676

GenBank Accession Number:

BC010703

GeneID (NCBI):

2040

UNIPROT ID:

P27105

Full Name:

stomatin

Calculated MW:

288 aa, 32 kDa

Observed MW:

32 kDa

Purification Method:

Protein G purification

CloneNo.:

1A4D6

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human

Background Information

STOM, also named as BND7, EPB72, Stomatin and Protein 7.2b, belongs to the band 7/mec-2 family. It is thought to regulate cation conductance. STOM may regulate ACCN1 and ACCN3 gating. STOM is a membrane protein involved in regulation of monovalent cation transport through lipid membranes. Interestingly, STOM (which has a structure similar to caveolin) is a major lipid-raft component of erythrocytes. It may have a role in membrane microdomains modulation leading to membrane budding and MPs release. (PMID:19138258)

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data