

CoraLite® Plus 488-conjugated SAR1B Monoclonal antibody

Catalog Number: **CL488-67765**

Basic Information

Catalog Number:

CL488-67765

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7718

GenBank Accession Number:

BC002847

GeneID (NCBI):

51128

UNIPROT ID:

Q9Y6B6

Full Name:

SAR1 homolog B (S. cerevisiae)

Calculated MW:

22 kDa

Observed MW:

22-25 kDa

Purification Method:

Protein G purification

CloneNo.:

1B11A1

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

SAR1B, also named as SARA2, SARB and GTBPB, belongs to the small GTPase superfamily and SAR1 family. It is involved in transport from the endoplasmic reticulum to the Golgi apparatus. SAR1B is activated by the guanine nucleotide exchange factor PREB. It is involved in the selection of the protein cargo and the assembly of the COPII coat complex.

Storage

Storage:

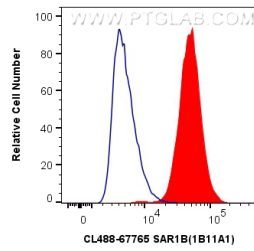
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



1X10⁶ HEK-293T cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human SAR1B (CL488-67765, Clone:1B11A1) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).