

For Research Use Only



CoraLite® Plus 488-conjugated ASCT2 Polyclonal antibody

Catalog Number:CL488-20350

Featured Product

Basic Information

Catalog Number:

CL488-20350

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14182

GenBank Accession Number:

BC000062

GeneID (NCBI):

6510

UNIPROT ID:

Q15758

Full Name:

solute carrier family 1 (neutral amino acid transporter), member 5

Calculated MW:

541 aa, 57 kDa

Observed MW:

55-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, IF-P, FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

IF-P : mouse small intestine tissue,

IF/ICC : HEK-293 cells,

Background Information

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:

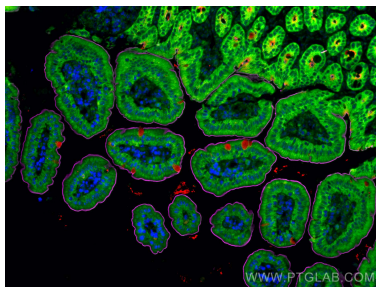
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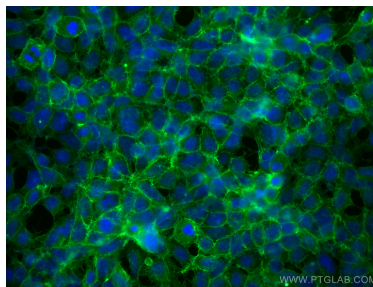
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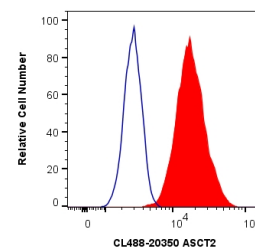
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse small intestine tissue using CoraLite® Plus 488 ASCT2 antibody (CL488-20350) at dilution of 1:100, Villin antibody (16488-1-AP, Magenta), CoraLite® Plus 594 ZG16 antibody (CL594-67389, Clone: 1A7B9, red).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 ASCT2 antibody (CL488-20350) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ASCT2 (CL488-20350) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).