CoraLite® Plus 488-conjugated S100A10 Monoclonal antibody

Proteintech®
Antibodies | ELISA kits | Proteins
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Catalog Number:CL488-66227   **1 Publications**

Basic Information

Catalog Number:
CL488-66227

Concentration:
1000 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG23596

GenBank Accession Number:
BC015973

GeneID (NCBI):
6281

UNIPROT ID:
P60903

Full Name:
S100 calcium binding protein A10

Calculated MW:
11 kDa

Purification Method:
Protein G purification

CloneNo.:
1B3F9

Recommended Dilutions:
IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human

Cited Species:
mouse

Positive Controls:

IF/ICC : A431 cells, Saos-2 cells

Background Information

S100A10, also known as p11, is a member of the S100 family of small, EF hand containing dimeric proteins. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A10 is present on the surface of endothelial and other cells in a heterotetrameric complex with another Ca(2+)-binding protein, annexin II. S100A10 may function in exocytosis and endocytosis.

Notable Publications

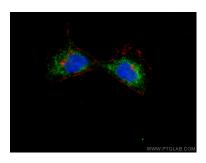| Author	Pubmed ID	Journal	Application
Yuewen Zhai	40434197	Adv Mater	

Storage

Storage:
Store at -20℃. Avoid exposure to light. Stable for one year after shipment.
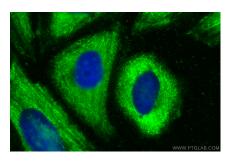**Storage Buffer:**
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

Selected Validation Data

Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite®®488 S100A10 antibody (CL488-66227, Clone: 1B3F9) at dilution of 1:200, CL594-Phalloidin (red).

Immunofluorescent analysis of (-20°C Methanol) fixed Saos-2 cells using CoraLite® Plus 488 S100A10 antibody (CL488-66227, Clone: 1B3F9) at dilution of 1:200.