For Research Use Only

CoraLite® Plus 488-conjugated S100A10 Monoclonal antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:CL488-66227

Basic Information

Catalog Number:
CL488-66227

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG23596

GenBank Accession Number:
BC015973

GeneID (NCBI):
6281

Full Name:
S100 calcium binding protein A10

Calculated MW:
11 kDa

Purification Method:
Protein G purification

CloneNo.:
1B3F9

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF

Species Specificity:
human

Positive Controls:

IF : 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.

Storage

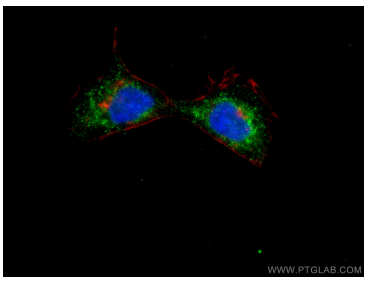
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

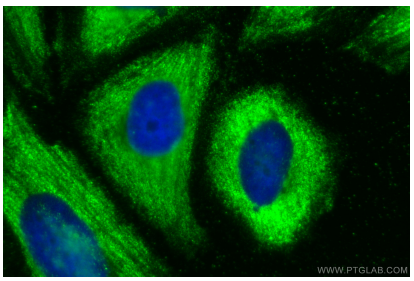
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

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.