

For Research Use Only

CoraLite® Plus 488-conjugated Annexin A11 Polyclonal antibody

Catalog Number: CL488-10479

Featured Product



Basic Information

Catalog Number:

CL488-10479

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0729

GenBank Accession Number:

BC007564

GeneID (NCBI):

311

UNIPROT ID:

P50995

Full Name:

annexin A11

Calculated MW:

56 kDa

Observed MW:

56-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

Annexin A11 (Anxa11) is one member of annexins that are Ca^{2+} -regulated phospholipid-binding proteins. Annexin A11 plays an important role in cell division, differentiation, apoptosis, vesicle trafficking and Ca^{2+} signaling (PMID: 31610865). ANXA 11, an RNA granule-associated phosphoinositide-binding protein, acts as a molecular tether between RNA granules and lysosomes (PMID: 31539493). Annexin A11 dysregulation is involved in the progression, drug-resistance, recurrence of systemic autoimmune disease and cancer. Annexin A11, is involved in a variety of cellular functions including mRNA transport and translation, endocytosis, exocytosis, and plasma membrane repair (PMID: 38896345).

Storage

Storage:

Store at $-20^{\circ}C$. 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 $-20^{\circ}C$ storage

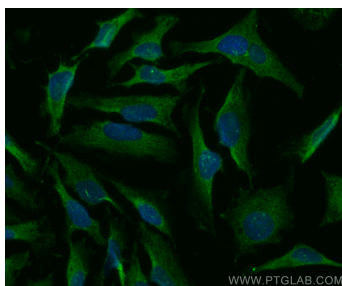
For technical support and original validation data for this product please contact:

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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 HeLa cells using Coralite® Plus 488 Annexin A11 antibody (CL488-10479) at dilution of 1:200.