

For Research Use Only

CoraLite® Plus 488-conjugated STOML2 Polyclonal antibody



Catalog Number: CL488-10348

Featured Product

Basic Information

Catalog Number: CL488-10348	GenBank Accession Number: BC002442	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 30968	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: stomatin (EPB72)-like 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 356 aa, 39 kDa	
Immunogen Catalog Number: AG0363	Observed MW: 39 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

STOML2 (Stomatin-like protein 2; also known as SLP-2) is a widely expressed mitochondrial member of the highly conserved family of stomatin proteins. STOML2 is localized mostly in mitochondrial inner membrane, minor in plasma membrane. Human STOML2 interacts with prohibitins and regulates mitochondrial biogenesis and function (21746876). In addition, plenty of studies revealed that STOML2 was overexpressed in many human cancer tissues, and its expression may be a new valuable prognostic biomarker (19839737, 21960069). Recently STOML2 has been identified as a serological biomarker for early colorectal cancer (CRC) diagnosis (21209152). Two isoforms of STOML2 exist due to the alternative splicing, with MW of 39 kDa and 33 kDa, respectively.

Storage

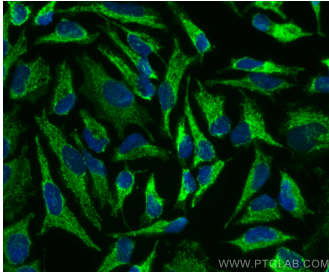
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 STOML2 antibody (CL488-10348) at dilution of 1:200.