

For Research Use Only

CoraLite® Plus 488-conjugated SALL4 Recombinant monoclonal antibody

Catalog Number: CL488-83039-8



Basic Information

Catalog Number: CL488-83039-8	GenBank Accession Number: BC111714	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 57167	CloneNo.: 23028484
Source: Rabbit	UNIPROT ID: Q9UJQ4	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: sal-like 4 (Drosophila)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG16076	Calculated MW: 1053 aa, 112 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : Caco-2 cells,
Species Specificity: human	

Background Information

SALL4, also named Sal-like protein 4 or Zinc finger protein 797, contains 7 C2H2-type zinc fingers and belongs to the sal C2H2-type zinc-finger protein family. SALL4 is constitutively expressed in acute myeloid leukemia. The constitutive expression of SALL4 in mice is sufficient to induce MDS-like symptoms and transformation to AML that is transplantable. SALL4 is able to bind beta-catenin and activate the Wnt/beta-catenin signaling pathway. Sequence analysis of the larger cDNA fragment isolated revealed a single, large open-reading frame, designated as SALL4A, that started from a strong consensus initiation sequence and was expected to encode 1053 amino acids. The other splicing variant of SALL4, designated SALL4B, lacked the region corresponding to amino acids 385 to 820 of the full-length SALL4A. The putative protein encoded by SALL4B cDNA was expected to consist of 617 amino acids.

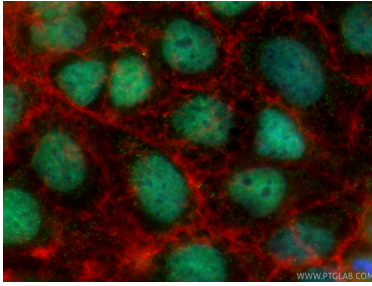
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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
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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 Caco-2 cells using Coralite® Plus 488 SALL4 antibody (CL488-83039-8, Clone: 230284B4) at dilution of 1:200, CL594-phalloidin (red).