

For Research Use Only

CoraLite® Plus 488-conjugated EVI2B Recombinant monoclonal antibody

Catalog Number: CL488-85943



Basic Information

Catalog Number: CL488-85943	GenBank Accession Number: BC005926	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2124	CloneNo.: 250344C9
Source: Rabbit	UNIPROT ID: P34910	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: ecotropic viral integration site 2B	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG3709	Calculated MW: 448 aa, 49 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : THP-1 cells,
Species Specificity: human	

Background Information

Ecotropic viral integration site 2B protein (EVI2B) is a type I transmembrane protein embedded within intron 27b of the neurofibromatosis type 1 (NF1) gene. It is transcribed in the opposite direction to the NF1 gene (PMID: 37584733). EVI2B is a downstream target of CCAAT/enhancer binding protein alpha (C/EBPα), which is crucial for myeloid differentiation and the function of hematopoietic progenitors (PMID: 36830696). This protein is highly expressed in mature granulocytes and is involved in the regulation of immune cell maturation (PMID: 28186500).

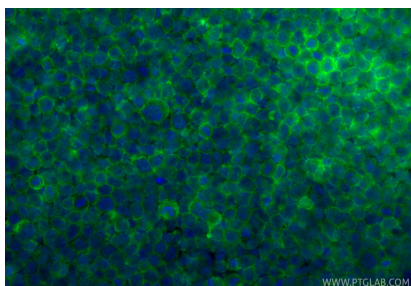
Storage

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)
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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 THP-1 cells using CoraLite® Plus 488 EVI2B antibody (CL488-85943, Clone: 250344C9) at dilution of 1:200.