

For Research Use Only

# CoraLite® Plus 488-conjugated EVI2B Recombinant monoclonal antibody

Catalog Number: CL488-85943



## Basic Information

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

## Applications

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

## Background Information

Ectropic 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/EBP $\alpha$ ), 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).

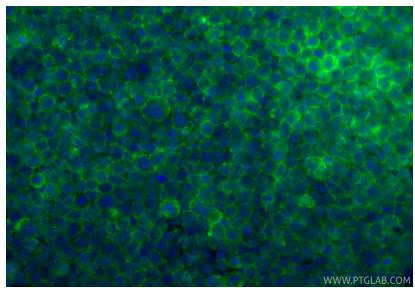
## Storage

**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)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CoralLite® Plus 488 EVI2B antibody (CL488-85943, Clone: 250344C9) at dilution of 1:200.