

For Research Use Only

# EVI2B Recombinant antibody

Catalog Number: 85943-1-RR



## Basic Information

<b>Catalog Number:</b> 85943-1-RR	<b>GenBank Accession Number:</b> BC005926	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 2124	<b>CloneNo.:</b> 250344C9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P34910	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> ecotropic viral integration site 2B	
<b>Immunogen Catalog Number:</b> EG3709	<b>Calculated MW:</b> 448 aa, 49 kDa <b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> A549 cells, HepG2 cells, Ramos cells, THP-1 cells, HL-60 cells <b>IF/ICC :</b> THP-1 cells,

## 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/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. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

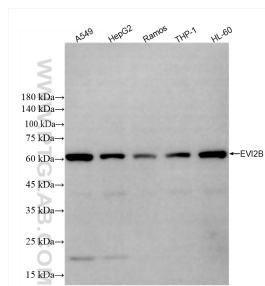
T: 4006900926

E: Proteintech-CN@ptglab.com

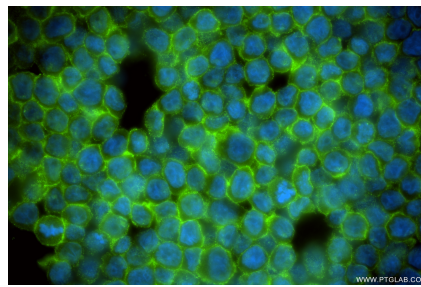
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85943-1-RR (EVI2B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using EVI2B antibody (85943-1-RR, Clone: 250344C9) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).