

For Research Use Only

EVI2B Polyclonal antibody

Catalog Number: 24891-1-AP

2 Publications



Basic Information

Catalog Number: 24891-1-AP	GenBank Accession Number: BC005926	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop and 520 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2124	Recommended Dilutions: WB 1:500-1:2000 IHC 1:800-1:3200
Source: Rabbit	UNIPROT ID: P34910	
Isotype: IgG	Full Name: ecotropic viral integration site 2B	
Immunogen Catalog Number: AG19511	Calculated MW: 448 aa, 49 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HepG2 cells, A549 cells IHC : human tonsillitis tissue,
Cited Applications: IHC	
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Bingsheng Yang	33574919	Oncol Lett	IHC
Tianyu Xie	36511103	Exp Biol Med (Maywood)	IHC

Storage

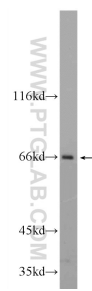
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

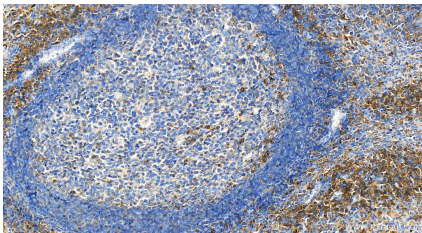
For technical support and original validation data for this product please contact:
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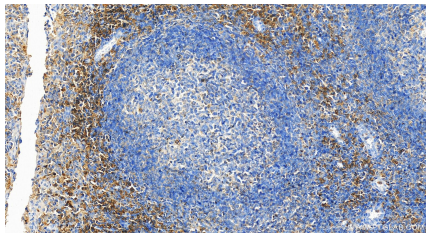
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 24891-1-AP (EVI2B Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24891-1-AP (EVI2B antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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