

For Research Use Only

BLVRA Recombinant monoclonal antibody

Catalog Number: 88427-1-RR



Basic Information

Catalog Number: 88427-1-RR	GenBank Accession Number: BC008456	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 644	CloneNo.: 260945E3
Source: Rabbit	UNIPROT ID: P53004	Recommended Dilutions: WB: 1:2000-1:10000 IHC: 1:50-1:500
Isotype: IgG	Full Name: biliverdin reductase A	
Immunogen Catalog Number: AG1166	Calculated MW: 33.2 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, Daudi cells, DU 145 cells, ACHN cells, PANC-1 cells, 786-O cells, HepG2 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse spleen tissue,

Background Information

BLVRA(Biliverdin reductase A) is also named as BLVR, BVR and belongs to the biliverdin reductase subfamily. It catalyze the conversion of biliverdin to bilirubin in the presence of NADPH or NADH. This protein can exist as a dimer(PMID:11773068). Defects in BLVRA are the cause of hyperbiliverdinemia (HBLVD).

Storage

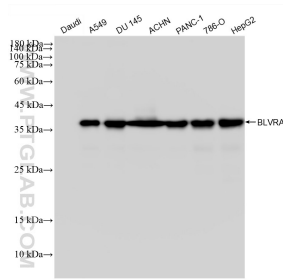
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

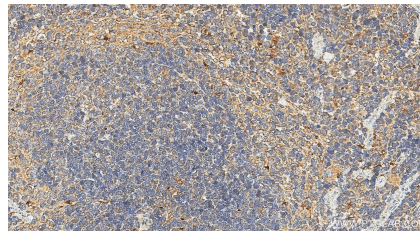
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88427-1-RR (BLVRA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 88427-1-RR (BLVRA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).