

For Research Use Only

# BLVRA Recombinant monoclonal antibody

Catalog Number: 88427-1-RR



## Basic Information

|                                     |                                       |                                                                 |
|-------------------------------------|---------------------------------------|-----------------------------------------------------------------|
| Catalog Number:<br>88427-1-RR       | GenBank Accession Number:<br>BC008456 | Purification Method:<br>Protein A purification                  |
| Source:<br>Rabbit                   | GeneID (NCBI):<br>644                 | CloneNo.:<br>260945E3                                           |
| Isotype:<br>IgG                     | UNIPROT ID:<br>P53004                 | Recommended Dilutions:<br>WB: 1:2000-1:10000<br>IHC: 1:50-1:500 |
| Immunogen Catalog Number:<br>AG1166 | Full Name:<br>biliverdin reductase A  |                                                                 |
|                                     | Calculated MW:<br>33.2 kDa            |                                                                 |
|                                     | Observed MW:<br>37 kDa                |                                                                 |

## Applications

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

## Background Information

BLVRA(Biliverdin reductase A) is also named as BLVR, BVR and belongs to the biliverdin reductase subfamily. It catalyzes 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

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

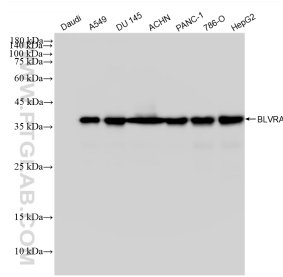
T: 4006900926

E: Proteintech-CN@ptglab.com

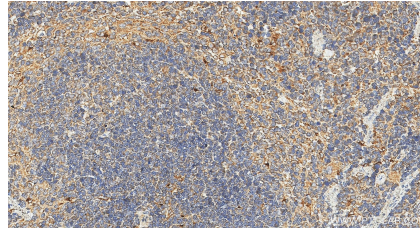
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).