

For Research Use Only

BLVRA Monoclonal antibody

Catalog Number: 68175-1-Ig



Basic Information

Catalog Number: 68175-1-Ig	GenBank Accession Number: BC008456	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 644	CloneNo.: 2A10F2
Source: Mouse	Full Name: biliverdin reductase A	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 33.2 kDa	
Immunogen Catalog Number: AG32730	Observed MW: 37-40 kDa, 66 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LO2 cells, DU 145 cells, U2OS cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
Species Specificity: Human	

Background Information

BLVRA (Biliverdin reductase A) is also named 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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

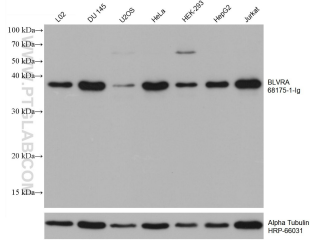
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68175-1-Ig (BLVRA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.