

## **BLVRB Antibody (monoclonal) (M09)**

Mouse monoclonal antibody raised against a partial recombinant BLVRB.

Catalog # AT1303a

### **Specification**

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#### **BLVRB Antibody (monoclonal) (M09) - Product Information**

Application	WB, E
Primary Accession	<a href="#">P30043</a>
Other Accession	<a href="#">NM_000713</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	22119

#### **BLVRB Antibody (monoclonal) (M09) - Additional Information**

**Gene ID** 645

##### **Other Names**

Flavin reductase (NADPH), FR, Biliverdin reductase B, BVR-B, Biliverdin-IX beta-reductase, Green heme-binding protein, GHBP, NADPH-dependent diaphorase, NADPH-flavin reductase, FLR, BLVRB, FLR

##### **Target/Specificity**

BLVRB (NP\_000704, 107 a.a. ~ 206 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### **Precautions**

BLVRB Antibody (monoclonal) (M09) is for research use only and not for use in diagnostic or therapeutic procedures.

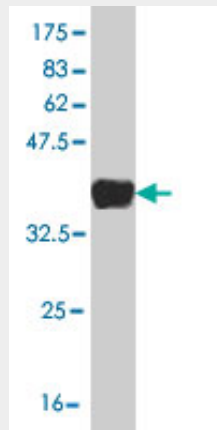
#### **BLVRB Antibody (monoclonal) (M09) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

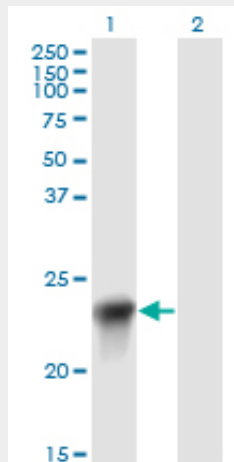
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### BLVRB Antibody (monoclonal) (M09) - Images

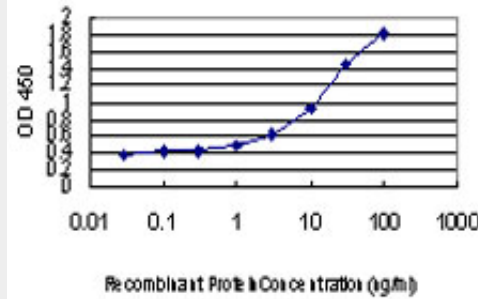


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



Western Blot analysis of BLVRB expression in transfected 293T cell line by BLVRB monoclonal antibody (M09), clone 2F4.

Lane 1: BLVRB transfected lysate (22.1 kDa).  
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged BLVRB is approximately 0.03ng/ml as a capture antibody.

### **BLVRB Antibody (monoclonal) (M09) - Background**

The final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24).

### **BLVRB Antibody (monoclonal) (M09) - References**

1.The heme degradation pathway is a promising serum biomarker source for the early detection of Alzheimer's disease.Mueller C, Zhou W, Vanmeter A, Heiby M, Magaki S, Ross MM, Espina V, Schrag M, Dickson C, Liotta LA, Kirsch WM.J Alzheimers Dis. 2010 Jan;19(3):1081-91.