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# BLVRB Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a partial recombinant BLVRB.
Catalog # AT1303a

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | P30043 |
| **Other Accession** | NM_000713 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 2F4 |
| **Calculated MW** | 22119 |

## Additional Information

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|---|---|
| **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 E~~N/A |
| **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. |

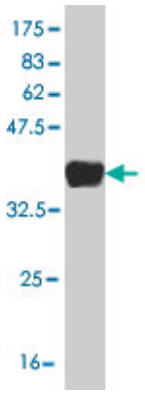
## Background

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

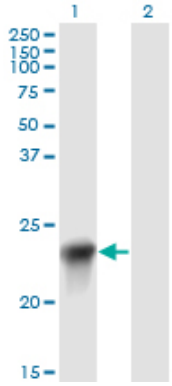
## References

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.

## Images

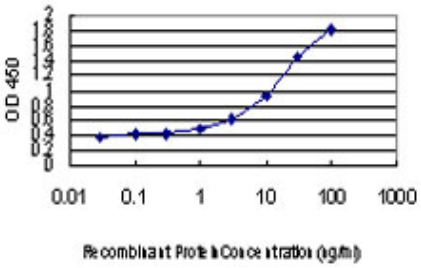



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .




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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.