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FMN2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant FMN2.
Catalog # AT2076a

Specification

FMN2 Antibody (monoclonal) (M02) - Product Information

Application	**WB, E**
Primary Accession	Q9NZ56
Other Accession	BC014364
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**180106**

FMN2 Antibody (monoclonal) (M02) - Additional Information

Gene ID 56776

Other Names
Formin-2, FMN2

Target/Specificity
FMN2 (AAH14364.2, 144 a.a. ~ 243 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
FMN2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

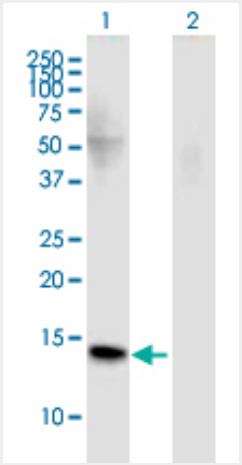
FMN2 Antibody (monoclonal) (M02) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

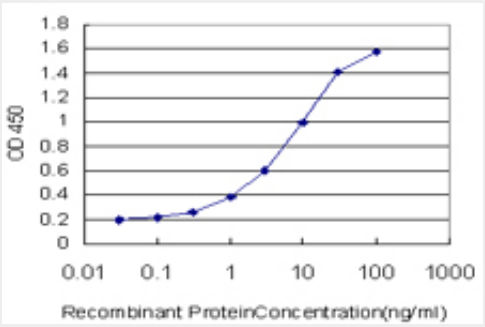
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FMN2 Antibody (monoclonal) (M02) - Images



Western Blot analysis of FMN2 expression in transfected 293T cell line by FMN2 monoclonal antibody (M02), clone 4B8.

Lane 1: FMN2 transfected lysate (Predicted MW: 11.11 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FMN2 is approximately 0.3ng/ml as a capture antibody.

FMN2 Antibody (monoclonal) (M02) - Background

Formin homology (FH) domain proteins (see FMN1; MIM 136535) play a role in cytoskeletal organization and/or establishment of cell polarity.

FMN2 Antibody (monoclonal) (M02) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Genetic variants identified in a European genome-wide association study that were found to predict incident coronary heart disease in the atherosclerosis risk in

communities study. Bressler J, et al. Am J Epidemiol, 2010 Jan 1. PMID 19955471.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Follow-up examination of linkage and association to chromosome 1q43 in multiple sclerosis. McCauley JL, et al. Genes Immun, 2009 Oct. PMID 19626040.