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MR1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant MR1.
Catalog # AT2898a

Product Information

Application	WB, E
Primary Accession	Q95460
Other Accession	NM_001531
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5E10
Calculated MW	39366

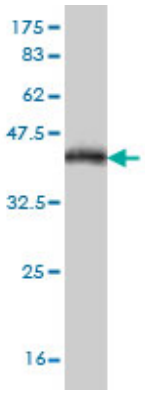
Additional Information

Gene ID	3140
Other Names	Major histocompatibility complex class I-related gene protein, MHC class I-related gene protein, Class I histocompatibility antigen-like protein, MR1
Target/Specificity	MR1 (NP_001522, 201 a.a. ~ 300 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	MR1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

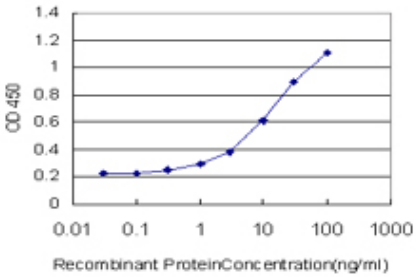
References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496. The MHC-related protein 1 (MR1) is expressed by a subpopulation of CD38+, IgA+ cells in the human intestinal mucosa. Gozalbo-L?pez B, et al. Histol Histopathol, 2009 Nov. PMID 19760593. Identification of 4 new HLA-DR-restricted minor histocompatibility antigens as hematopoietic targets in antitumor immunity. Stumpf AN, et al. Blood, 2009 Oct 22. PMID 19706888. MR1 antigen presentation to mucosal-associated invariant T cells was highly conserved in evolution. Huang S, et al. Proc Natl Acad Sci U S A, 2009 May 19. PMID 19416870. Novel MHC class I-related molecule MR1 affects MHC class I expression in 293T cells. Aldemir H. Biochem Biophys Res Commun, 2008 Feb 8. PMID 18068122.

Images



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



Detection limit for recombinant GST tagged MR1 is approximately 1ng/ml as a capture antibody.

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