10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MEFV Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant MEFV.
Catalog # AT2840a

Product Information

Application	WB, E
Primary Accession	O15553
Other Accession	NM_000243
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4E7
Calculated MW	86444

Additional Information

Gene ID	4210
Other Names	Pyrin, Marenostrin, MEFV, MEF
Target/Specificity	MEFV (NP_000234, 1 a.a. ~ 110 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	MEFV Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

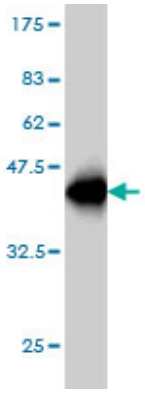
This gene encodes a protein, also known as pyrin or marenostrin, that is an important modulator of innate immunity. Mutations in this gene are associated with Mediterranean fever, a hereditary periodic fever syndrome.

References

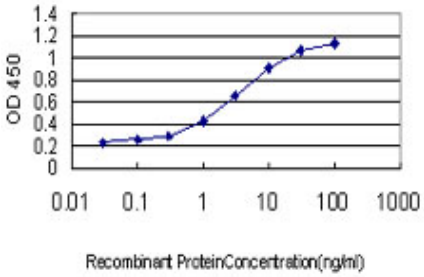
An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014.Association of familial mediterranean fever-related MEFV gene variations with ankylosing spondylitis. Cosan F, et al. Arthritis Rheum, 2010 Jul 28. PMID 20669279.Mediterranean fever (MEFV) gene mutation frequency is not increased in adults with rheumatic

heart disease. Simsek I, et al. Clin Rheumatol, 2010 Jul 20. PMID 20645115.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.MEFV E148Q polymorphism is associated with Henoch-Sch?nlein purpura in Chinese children. He X, et al. Pediatr Nephrol, 2010 Oct. PMID 20602240.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged MEFV is approximately 0.1ng/ml as a capture antibody.

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