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GSDML Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a full-length recombinant GSDML.
Catalog # AT2270a

Product Information

Application	WB, IF
Primary Accession	Q8TAX9
Other Accession	BC025682
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1E11
Calculated MW	47348

Additional Information

Gene ID	55876
Other Names	Gasdermin-B, Gasdermin-like protein, GSDMB, GSDML
Target/Specificity	GSDML (AAH25682, 1 a.a. ~ 411 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
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	GSDML Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

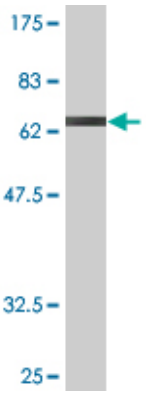
This gene encodes a member of the gasdermin-domain containing protein family. Other gasdermin-family genes are implicated in the regulation of apoptosis in epithelial cells, and are linked to cancer. Multiple transcript variants encoding different isoforms have been found for this gene. Additional variants have been described, but they are candidates for nonsense-mediated mRNA decay (NMD) and are unlikely to be protein-coding.

References

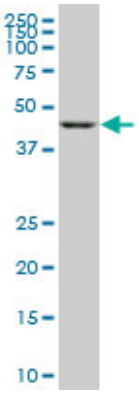
Analysis of SNPs with an effect on gene expression identifies UBE2L3 and BCL3 as potential new risk genes for Crohn's disease. Fransen K, et al. Hum Mol Genet, 2010 Sep 1. PMID 20601676.In silico replication of the

genome-wide association results of the Type 1 Diabetes Genetics Consortium. Qu HQ, et al. Hum Mol Genet, 2010 Jun 15. PMID 20378605.Allele-specific chromatin remodeling in the ZPBP2/GSDMB/ORMDL3 locus associated with the risk of asthma and autoimmune disease. Verlaan DJ, et al. Am J Hum Genet, 2009 Sep. PMID 19732864.Genome-wide association study and meta-analysis find that over 40 loci affect risk of type 1 diabetes. Barrett JC, et al. Nat Genet, 2009 Jun. PMID 19430480.Genetic variation in ORM1-like 3 (ORMDL3) and gasdermin-like (GSDML) and childhood asthma. Wu H, et al. Allergy, 2009 Apr. PMID 19133921.

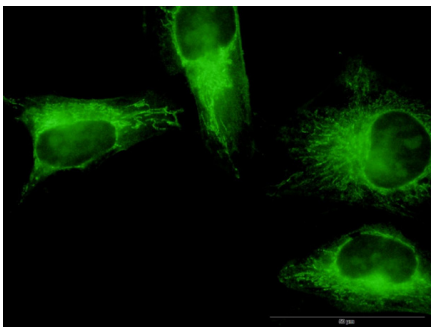
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (70.95 KDa) .



GSDML monoclonal antibody (M05), clone 1E10. Western Blot analysis of GSDML expression in A-431 ((Cat # AT2270a)



Immunofluorescence of monoclonal antibody to GSDMB on HeLa cell . [antibody concentration 20 ug/ml]

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