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GSDML Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a full length recombinant GSDML.
Catalog # AT2271a

Specification

GSDML Antibody (monoclonal) (M06) - Product Information

Application	**WB, E**
Primary Accession	Q8TAX9
Other Accession	BC025682
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**47348**

GSDML Antibody (monoclonal) (M06) - 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

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) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

GSDML Antibody (monoclonal) (M06) - Protocols

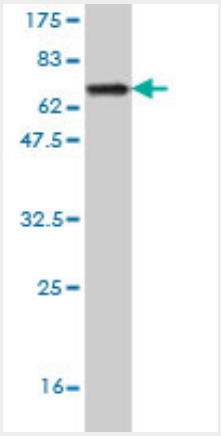
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

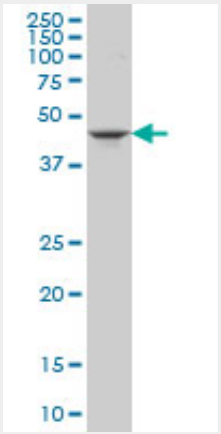
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

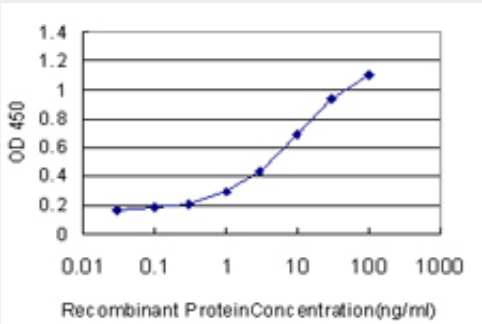
GSDML Antibody (monoclonal) (M06) - Images



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



GSDML monoclonal antibody (M06), clone 4C10 Western Blot analysis of GSDML expression in Jurkat ((Cat # AT2271a)



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

GSDML Antibody (monoclonal) (M06) - 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.

GSDML Antibody (monoclonal) (M06) - 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.