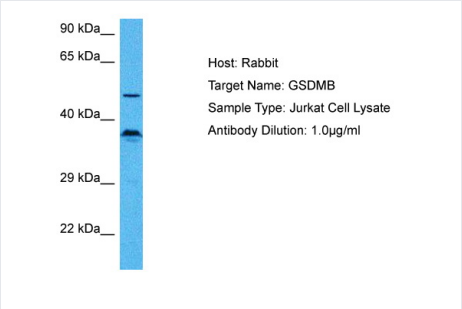
GSDMB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GSDMB, Polyclonal Antibody
Full Product Name	GSDMB Antibody - middle region
Product Gene Name	anti-GSDMB antibody
Product Synonym Gene Name	GSDML; PP4052; PRO2521
Immunogen Sequence	Synthetic peptide located within the following region: PEGKSLGSED SRNMKEKLED MESVLKDLTE EKRKDVLNSL AKCLGKEDIR
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	GSDMB peptide (MBS3246512) is used for blocking the activity of GSDMB antibody (MBS3221786)
Molecular Weight	47 kDa
OMIM	611221
3D Structure	ModBase 3D Structure for Q8TAX9
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GSDMB
Product Categories/Family for anti-GSDMB antibody	Polyclonal; Cancer; Apoptosis
Applications Tested/Suitable for anti-GSDMB antibody	Western Blot (WB)
Related Product Information for anti-GSDMB antibody	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.
Other Notes	Small volumes of anti-GSDMB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GSDMB purchase	MBS3221786 is an antibody targeting GSDMB. Also known as GSDMB Antibody - middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-GSDMB antibody
Host: RabbitTarget Name: GSDMBSample Tissue: Human Jurkat Whole Cell lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GSDMB. It may not necessarily be applicable to this product.

NCBI GI #	109689703
NCBI GeneID	55876
NCBI Accession #	NP_001035936.1
UniProt Primary Accession #	Q8TAX9
UniProt Related Accession #	Q8TAX9
GenBank Nucleotide #	NM_001042471.1
NCBI Official Full Name	gasdermin-B isoform 1
NCBI Official Synonym Full Names	gasdermin B
NCBI Official Symbol	GSDMB
NCBI Official Synonym Symbols	GSDML; PP4052; PRO2521
UniProt Protein Name	Gasdermin-B
UniProt Synonym Protein Names	Gasdermin-like protein
Protein Family	Gasdermin
UniProt Gene Name	GSDMB
UniProt Synonym Gene Names	GSDML
UniProt Entry Name	GSDMB_HUMAN
NCBI Protein Information	gasdermin-B
NCBI Summary for GSDMB	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. Alternative splicing and the use of alternative promoters results in multiple transcript variants. Additional variants have been described, but they are candidates for nonsense-mediated mRNA decay (NMD) and are unlikely to be protein-coding. [provided by RefSeq, Nov 2016]
Research Articles on GSDMB	**1.** These results showed that the PBC susceptibility allele of rs12946510 disrupted the enhancer region for ORMDL3 and GSDMB gene expression (Fig. 6). Chromatin interaction between the sequence that contains rs12946510 and the upstream sequence of ORMDL3 and GSDMB also supported this enhancer model
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