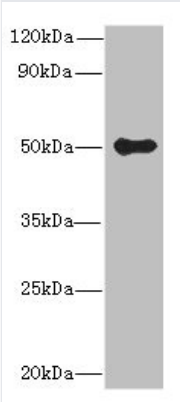
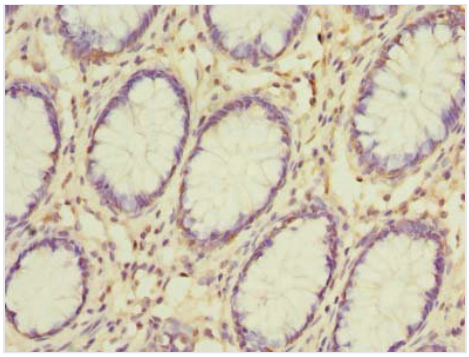
# GSDMB Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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|---|---|
| **Product Name** | GSDMB, Polyclonal Antibody |
| **Full Product Name** | GSDMB Antibody |
| **Product Gene Name** | anti-GSDMB antibody |
| **Product Synonym Names** | Gasdermin-B (Gasdermin-like protein), GSDMB, GSDML |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Liquid |
| **Purity/Purification** | >95%, Protein G purified |
| **Preparation and Storage** | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| **Matching Pairs** | Unconjugated Antibody: GSDMB (MBS7002778)<br>Biotin Conjugated Antibody: GSDMB (MBS1493406) |
| **Matching Pairs** | Unconjugated Antibody: GSDMB (MBS7002778)<br>HRP Conjugated Antibody: GSDMB (MBS1496419) |
| **Matching Pairs** | Unconjugated Antibody: GSDMB (MBS7002778)<br>FITC Conjugated Antibody: GSDMB (MBS1498555) |
| **OMIM** | 611221 |
| **3D Structure** | ModBase 3D Structure for Q8TAX9 |
| **Immunogen** | Recombinant Human Gasdermin-B protein (63-310AA) |
| **Conjugation** | Non-conjugated |
| **Storage Buffer** | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| **Species** | Human |
| **Research Area** | Cell Biology |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-GSDMB antibody** | ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC) |
| **Application Notes for anti-GSDMB antibody** | Recommended dilution: WB:1:500-2000, IHC:1:20-1:200 |
| **Related Product Information for anti-GSDMB antibody** | May play a role as secretory or metabolic product involved in secretory pathway. May also play a role in achieving and maintaining the final differentiation state of epithelial cells. |
| **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** | MBS7002778 is an antibody targeting GSDMB. Also known as GSDMB Antibody. Reactive in Human. Host: Rabbit. |




**Western Blot (WB) of anti-GSDMB antibody**
Western blotAll lanes: GSDMB antibody at 8ug/ml+ Colo320 whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 47,46,48,19 kDaObserved band size: 47 kDa



**Immunohistochemistry (IHC) of anti-GSDMB antibody**
Immunohistochemistry of paraffin-embedded human colon cancer using MBS7002778 at dilution of 1:100

## ADDITIONAL DETAILS

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

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|---|---|
| **NCBI GI #** | 109689703 |
| **NCBI GeneID** | 55876 |
| **NCBI Accession #** | NP_001035936.1 |
| **UniProt Primary Accession #** | Q8TAX9 |
| **UniProt Secondary Accession #** | Q7Z377; Q8WY76; Q9NX71; Q9P163; B4DKK7 |
| **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. 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. [provided by RefSeq, Sep 2009] |

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| **UniProt Comments for GSDMB** | GSDML: May play a role as secretory or metabolic product involved in secretory pathway. May also play a role in achieving and maintaining the final differentiation state of epithelial cells. Belongs to the gasdermin family. 6 isoforms of the human protein are produced by alternative splicing.<br><br>Chromosomal Location of Human Ortholog: 17q12<br><br>Cellular Component: cytoplasm |
| **Research Articles on GSDMB** | **1.** The GSDMB-driven HSVtk expression vector had a therapeutic effect on the occult peritoneal dissemination model mice. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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