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GSDMDC1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GSDMDC1.
Catalog # AT2269a

Product Information

Application	WB, IHC, IF, E
Primary Accession	P57764
Other Accession	BC008904
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3F12-1B2
Calculated MW	52801

Additional Information

Gene ID	79792
Other Names	Gasdermin-D, Gasdermin domain-containing protein 1, GSDMD, DFNA5L, GSDMDC1
Target/Specificity	GSDMDC1 (AAH08904, 1 a.a. ~ 484 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 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	GSDMDC1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

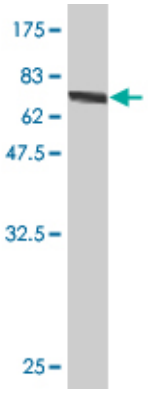
Gasdermin D is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. Gasdermin D has been suggested to act as a tumor suppressor. Alternatively spliced transcript variants have been described.

References

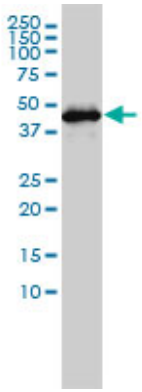
Distinctive expression and function of four GSDM family genes (GSDMA-D) in normal and malignant upper gastrointestinal epithelium. Saeki N, et al. Genes Chromosomes Cancer, 2009 Mar. PMID 19051310.Members of a novel gene family, Gsdm, are expressed exclusively in the epithelium of the skin

and gastrointestinal tract in a highly tissue-specific manner. Tamura M, et al. Genomics, 2007 May. PMID 17350798.DNA sequence and analysis of human chromosome 8. Nusbaum C, et al. Nature, 2006 Jan 19. PMID 16421571.Immunoaffinity profiling of tyrosine phosphorylation in cancer cells. Rush J, et al. Nat Biotechnol, 2005 Jan. PMID 15592455.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

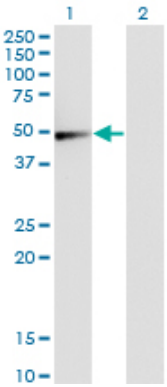
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (78.98 KDa) .

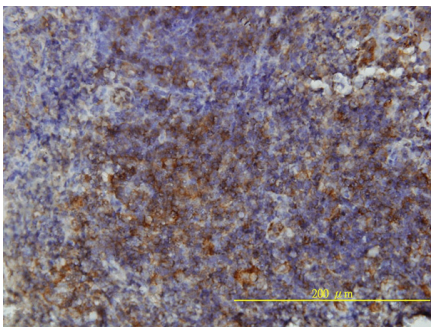


GSDMDC1 monoclonal antibody (M01), clone 3F12-1B2 Western Blot analysis of GSDMDC1 expression in Jurkat ((Cat # AT2269a)



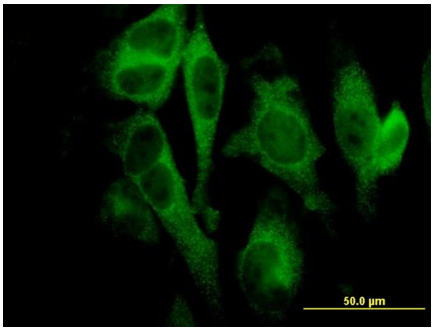
Western Blot analysis of GSDMD expression in transfected 293T cell line by GSDMDC1 monoclonal antibody (M01), clone 3F12-1B2.

Lane 1: GSDMD transfected lysate (Predicted MW: 52.8 KDa).
Lane 2: Non-transfected lysate.

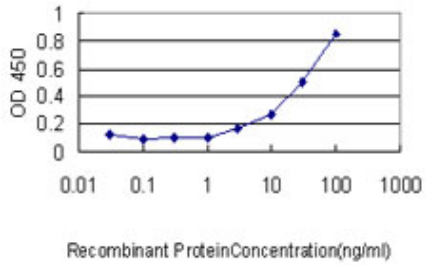


Immunoperoxidase of monoclonal antibody to GSDMDC1 on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 3 ug/ml]

Immunofluorescence of monoclonal antibody to



GSDMDC1 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged GSDMDC1 is approximately 0.3ng/ml as a capture antibody.

Citations

- Overexpression of gasdermin D promotes invasion of adenoid cystic carcinoma

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