

Basic Information

Product Name	Anti-GSDMD Antibody (Clone#3D5)	
Gene Name	GSDMD	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG2a	
Species Reactivity	human	
Tested Application	WB, IHC	
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.	
Immunogen	E.coli-derived human GSDMD recombinant protein (Position: M1-H484).	
Concentration	500 ug/ml	
Purification	protein G purified.	
Observed MW	53,30 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section IHC 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied.

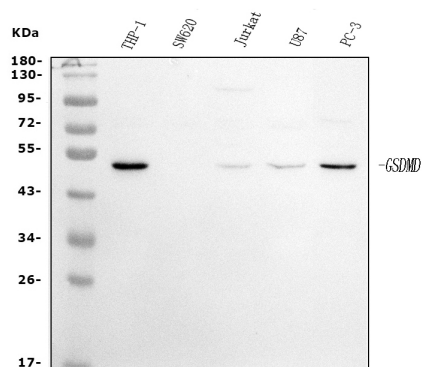
Background Information

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.

Reference

Anti-GSDMD Antibody (Clone#3D5)被引用在1文献中。

Selected Validation Data



Western blot analysis of GSDMD using anti-GSDMD antibody

(M02842-1). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: THP-1 whole cell lysates,

Lane 2: SW620 whole cell lysates,

Lane 3: Jurkat whole cell lysates,

Lane 4: U87 whole cell lysates,

Lane 5: PC-3 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with mouse anti-GSDMD antigen

affinity purified monoclonal antibody (M02842-1) at a dilution of

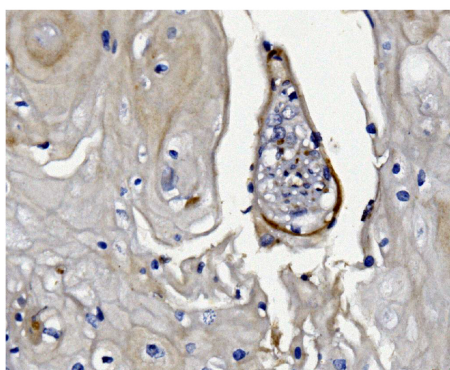
1:1000 and probed with a goat anti-mouse IgG-HRP secondary

antibody (Catalog # BA1050). The signal is developed using ECL Plus

Western Blotting Substrate (Catalog # AR1197). A specific band was

detected for GSDMD at approximately 53,30 kDa. The expected band

size for GSDMD is at 53 kDa.



IHC analysis of GSDMD using anti-GSDMD antibody (M02842-1).

GSDMD was detected in a paraffin-embedded section of human

esophagus tissue. Biotinylated goat anti-mouse IgG was used as

secondary antibody. The tissue section was incubated with mouse

anti-GSDMD Antibody (M02842-1) at a dilution of 1:200 and

developed using Streptavidin-Biotin-Complex (SABC) (Catalog #

SA1021) with DAB (Catalog # AR1027) as the chromogen.