

For Research Use Only

GSDMD Monoclonal antibody

Catalog Number: 66387-1-Ig **21 Publications**



Basic Information

Catalog Number: 66387-1-Ig	GenBank Accession Number: BC008904	Purification Method: Protein A purification
Size: 1000 μ g/ml	GeneID (NCBI): 79792	CloneNo.: 2E6C7
Source: Mouse	UNIPROT ID: P57764	Recommended Dilutions: WB 1:5000-1:50000 IF 1:50-1:500
Isotype: IgG2a	Full Name: gasdermin D	
Immunogen Catalog Number: AG16827	Calculated MW: 484 aa, 53 kDa	
	Observed MW: 47-53 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Cited Applications: WB, IF, IHC	WB: U2OS cells, HEK-293 cells, A431 cells, EC109 cells, Raji cells, K-562 cells, COLO 320 cells, HL-60 cells, TF-1 cells, human small intestine tissue, human colon tissue, PC-3 cells, A549 cells, HepG2 cells, Jurkat cells, THP-1 cells
Species Specificity: human	IF: HeLa cells,
Cited Species: human, rat, mouse	

Background Information

GSDMD is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. GSDMD has been suggested to act as a tumor suppressor. Recently, GSDMD is identified as a new component of inflammasomes, and it is an executor of pyroptosis and required for interleukin-1 β secretion. Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoying Lou	36068291	Commun Biol	WB
Cintia Cevallos	36205031	J Neurochem	WB
Diego S Ojeda	30515154	Front Immunol	

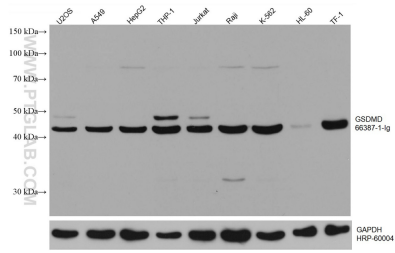
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

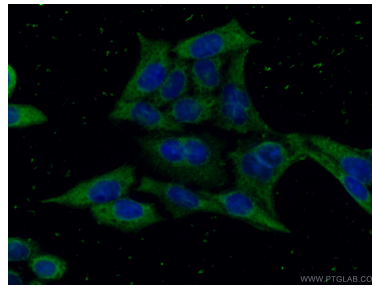
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66387-1-Ig (GSDMD antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66387-1-Ig(GSDMD antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).