

bs-14287R**[Primary Antibody]****BioSS**
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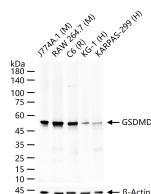
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GSDMD | DFNA5L Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat
GeneID: 79792	SWISS: P57764	
Target: GSDMD DFNA5L		
Immunogen: KLH conjugated synthetic peptide derived from human GSDMD: 31-150/484.		Predicted MW.: 32/53 kDa
Purification: affinity purified by Protein A		Observed MW.: 53 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane ,Cytoplasm
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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. [provided by RefSeq, Oct 2009]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with GSDMD polyclonal antibody, unconjugated (bs-14287R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=9.8]** Shanshan Li. et al. Di (2-ethylhexyl) phthalate and polystyrene microplastics co-exposure caused oxidative stress to activate NF-κB/NLRP3 pathway aggravated pyroptosis and inflammation in mouse kidney. SCI TOTAL ENVIRON. 2024 May;926:171817 WB ;Mouse,Human. 38513858
- **[IF=9.5]** Anjun Song. et al. An Alkaline Nanocage Continuously Activates Inflammasomes by Disrupting Multiorganelle Homeostasis for Efficient Pyroptosis. ACS APPL MATER INTER. 2024;16(19):24295–24307 WB ;Mouse. 38697643
- **[IF=8.469]** Meng, Liping. et al. METTL14 suppresses pyroptosis and diabetic cardiomyopathy by downregulating TINCR lncRNA. Cell Death Dis. 2022 Jan;13(1):1-13 WB,IHC ;Rat. 35013106
- **[IF=6.9]** Kun Wang. et al. Selenium deficiency exacerbates ROS/ER stress mediated pyroptosis and ferroptosis induced by bisphenol A in chickens thymus. J ENVIRON SCI-CHINA. 2025 Feb;148:13 IF ;Chicken. 10.1016/j.jes.2024.01.002
- **[IF=6.8]** Haibo Xie. et al. The role of PANoptosis in renal vascular endothelial cells: Implications for trichloroethylene-induced kidney injury. ECOTOX ENVIRON SAFE. 2024 Jun;278:116433 WB ;Mouse,Human. 38714087