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Anti-Cleaved-N-terminal GSDMD Rabbit mAb [63A06]

Catalog No.: A52138

Basic Information

Catalog No. (Cat.No.)	A52138
Host species	Rabbit
Reactivity	Human
Applications	WB,IF,ELISA
Synonyms	Cleaved-N-terminal GSDMD,Cleaved-N-GSDMD,GSDMD,P20,DF-51,gasdermin-D

Product Information

Target	Cleaved-N-terminal GSDMD
Molecular Weight(Calculated)	53 kDa
Molecular Weight(Observed)	35 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	63A06
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Cleaved N-terminal fragment of Gasdermin-D
Gene Name	*GSDMD*
Domain	NA
Background	Cleaved N-terminal GSDMD is an active cleaved fragment of GSDMD belonging to the Gasdermin protein family, mainly expressed in pyroptotic immune cells and lesion cells. It coregulates pyroptosis pathway activation, inflammatory factor release and innate immune response. GSDMD is cleaved by inflammatory caspases to release active N-terminal fragments, which locate on the cell membrane to form membrane pores, mediate cell pyroptosis and lysis, and promote the massive release of inflammatory factors such as IL-1β and IL-18 to amplify local inflammatory responses. Abnormal activation of this target causes excessive pyroptosis and inflammatory storm, inducing sepsis, autoimmune diseases, inflammatory organ damage and abnormal tumor microenvironment inflammation.