Recombinant DGRmAb®

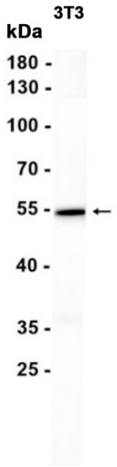
GSDMD (DGR16740) Rabbit mAb

db11033 **Package : 10μL 20μL 50μL 100μL**

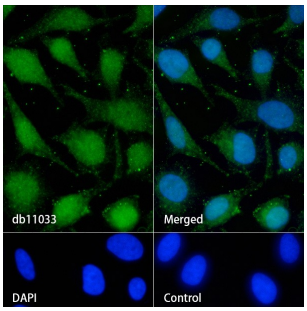
Product Name : GSDMD (DGR16740) Rabbit mAb
Cat.No.: db11033
Synonyms : DF5L; M2-4; Dfna5l; GsdmD-1; Gsdmdc1; 1810036L03Rik
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	Enables phospholipid binding activity and wide pore channel activity. Involved in several processes, including defense response to bacterium; positive regulation of interleukin-1 beta production; and protein-containing complex assembly. Acts upstream of or within cellular response to extracellular stimulus. Located in cytosol; extracellular space; and plasma membrane. Part of NLRP3 inflammasome complex. Is expressed in several structures, including gut; liver; lung; metanephros; and spleen. Orthologous to human GSDMD (gasdermin D). [provided by Alliance of Genome Resources, Apr 2022]
Immunogen	Recombinant protein of mouse GSDMD
Gene ID	69146
Swiss Prot	Q9D8T2
Synonyms	DF5L; M2-4; Dfna5l; GsdmD-1; Gsdmdc1; 1810036L03Rik
Reactivity	Human, Mouse, Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:1000 ICC/IF: 1:50-1:100 FC: 1:200-1:500 IP: 1:20-1:50
Calculated MW	53 kDa
Observed MW	53 kDa (Full Length), 31 kDa (N-terminall)
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR16740
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 3T3 cells using db11033 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling GSDMD with db11033.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11033 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.