Recombinant DGRmAb®

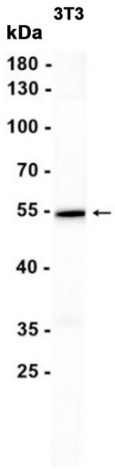
GSDMD (DGR16740) Rabbit mAb (PBS Only)

db11033-PBS **Package : 10μg 100μg**

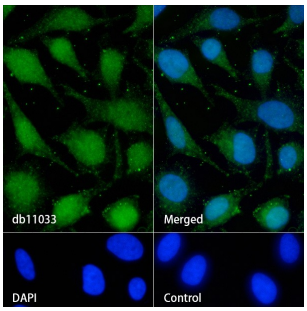
Product Name : GSDMD (DGR16740) Rabbit mAb (PBS Only)
Cat.No.: db11033-PBS
Synonyms : DF5L; M2-4; Dfna5l; GsdmD-1; Gsdmdc1; 1810036L03Rik
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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
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

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.