

Recombinant

DGRmAb®

GSDMD (DGR14456) Rabbit mAb

db15296

Package : 10µL 20µL 50µL 100µL

Product Name : GSDMD (DGR14456) Rabbit mAb**Cat.No.:** db15296**Synonyms** : DF5L; M2-4; Dfna5l; Gsdmdc1; AW558049; 1810036L03Rik**Application** : WB, IP**Reactivity** : Mouse**Host species** : Rabbit**Background**

Gasdermin-D, N-terminal: Promotes pyroptosis in response to microbial infection and danger signals. Produced by the cleavage of gasdermin-D by inflammatory caspases CASP1 or CASP4 in response to canonical, as well as non-canonical (such as cytosolic LPS) inflammasome activators (PubMed:26611636, PubMed:26375259, PubMed:26375003, PubMed:27418190, PubMed:27385778, PubMed:27383986). After cleavage, moves to the plasma membrane where it strongly binds to membrane inner leaflet lipids, including monophosphorylated phosphatidylinositols, such as phosphatidylinositol 4-phosphate, bisphosphorylated phosphatidylinositols, such as phosphatidylinositol (4,5)-bisphosphate, as well as phosphatidylinositol (3,4,5)-trisphosphate, and more weakly to phosphatidic acid and phosphatidylserine.

Immunogen

A synthetic peptide of mouse GSDMD

Gene ID

69146

Swiss Prot

Q9D8T2

Synonyms

DF5L; M2-4; Dfna5l; Gsdmdc1; AW558049; 1810036L03Rik

Reactivity

Mouse

Application

WB, IP

Recommended dilutionWB: 1:1000
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.	DGR14456
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.