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

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| **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 dilution** | WB: 1:1000<br>IP: 1:20-1:50 |
| **Calculated MW** | 53 kDa |
| **Observed MW** | 53 kDa (Full Length), 31 kDa (N-terminall) |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |

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| **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. |