

## Recombinant GSDMD Monoclonal Antibody

catalog number: E-AB-81473

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

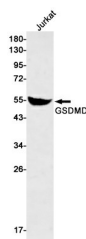
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human GSDMD
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-5C5
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1:1000
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### Data



Western blot detection of GSDMD in Jurkat cell lysates using GSDMD Rabbit mAb(1:500 diluted). Predicted band size: 53kDa. Observed band size: 53kDa.

**Observed-MW:53 kDa**

**Calculated-MW:53 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

GSDMD is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. GSDMD has been suggested to act as a tumor suppressor. Recently, GSDMD is identified as a new component of inflammasomes, and it is an executor of pyroptosis and required for interleukin-1 $\beta$  secretion. Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death.

### For Research Use Only