

## Anti-GSDMD antibody (1-100) (STJA0010253)

STJA0010253

### GENERAL INFORMATION

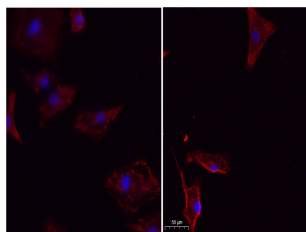
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Gasdermin-D (1-100) is suitable for use in Immunofluorescence, Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	IF/WB/IHC
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

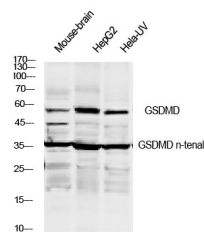
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution Range</b>	IF 1:50-200 WB 1:1000-3000 IHC 1:50-300
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

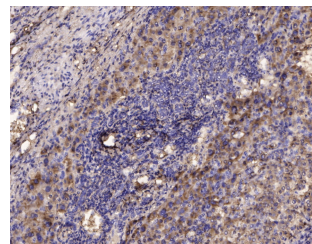
<b>Gene ID</b>	79792
<b>Gene Symbol</b>	GSDMD
<b>Uniprot ID</b>	GSDMD_HUMAN
<b>Immunogen</b>	Synthesized peptide derived from human GSDMD. AA range:1-100
<b>Immunogen Region</b>	1-100
<b>Specificity</b>	The antibody detects endogenous full length and n-terminal fragment of gsdmd protein
<b>Immunogen Sequence</b>	



Immunofluorescence analysis of un-treated (left) A549 and UV treated (right) A549 cell. 1. primary Antibody was diluted at 1:200 (4°C overnight). 2. Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3. Picture B: DAPI (blue) 10min.



Western blot analysis of lysates from 1) Mouse-brain, 2) HepG2 cells treated by UV 15min, 3) HepG2 cells, primary antibody was diluted at 1:1000, 4°C over night, secondary antibody HRP goat anti rabbit (STJ99666) was diluted at 1:10000



Immunohistochemical analysis of paraffin-embedded human Moderately differentiated hepatocellular carcinoma. Antibody was diluted at 1:200 (4°C overnight).