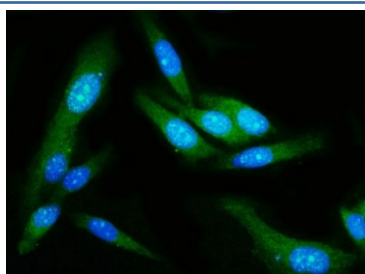


GSDMD Antibody / Gasdermin D [clone 6D11] (RQ7955)

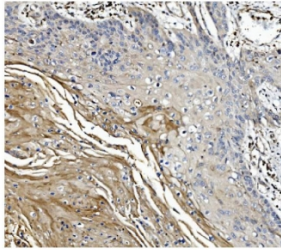
Catalog No.	Formulation	Size
RQ7955	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

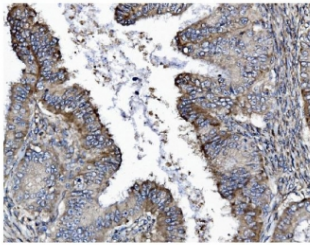
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	6D11
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P57764
Localization	Nucleus, cytoplasm, cell membrane, secreted
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This GSDMD antibody is available for research use only.



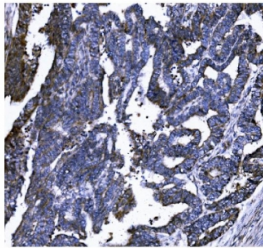
Immunofluorescent staining of FFPE human PC-3 cells with GSDMD antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



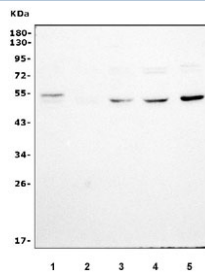
IHC staining of FFPE human esophageal squamous carcinoma tissue with GSDMD antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



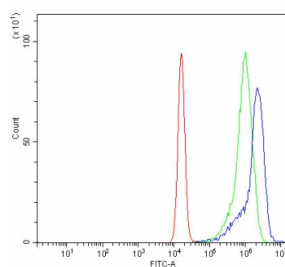
IHC staining of FFPE human cervical intraepithelial neoplasia tissue with GSDMD antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human cervical cancer tissue with GSDMD antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) ThP-1, 2) SW620, 3) Jurkat, 4) U-87 MG and 5) PC-3 cell lysate with GSDMD antibody. Predicted molecular weight ~53 kDa.



Flow cytometry testing of human Jurkat cells with GSDMD antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GSDMD antibody.

Description

Gasdermin D is a precursor of a pore-forming protein that plays a key role in host defense against pathogen infection and danger signals. [UniProt]

Application Notes

Optimal dilution of the GSDMD antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-H484) was used as the immunogen for the GSDMD

antibody.

Storage

After reconstitution, the GSDMD antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.