

Product Name: KO-Validated Gasdermin D Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01862

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; IHC-P 1:50-1:100
Molecular Weight	Calculated MW: 52.8kDa

Antigen Information

Gene Name	GSDMD
Alternative Names	GSDMD; Gasdermin D; GSDMDC1; DF5L; Gasdermin Domain-Containing Protein 1; Gasdermin Domain Containing 1; Gasdermin-D; FLJ12150; DFNA5L; FKSG10
Gene ID	79792.0
SwissProt ID	P57764
Immunogen	Recombinant protein of human GSDMD

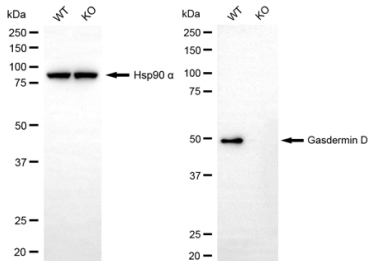
Background

Gasdermin D is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. Gasdermin D has been suggested to act as a tumor suppressor. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]

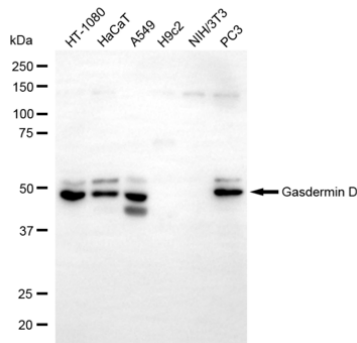
Research Area

Cancer

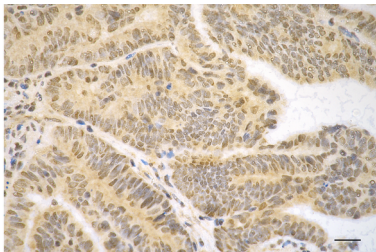
Image Data



Western blotting analysis using gasdermin D antibody (KVA01862). Gasdermin D expression in wild type (WT) and gasdermin D (GSDMD) knockout (KO) HT-1080 cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with gasdermin D antibody (KVA01862, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using gasdermin D antibody (KVA01862). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with gasdermin D antibody (KVA01862, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded human endometrial carcinoma using gasdermin D antibody (KVA01862, 1:100). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40 $\times$ objective). Scale bar: 25 μ m.