Recombinant Cleaved N-terminal GSDMD Monoclonal Antibody

Description

This Recombinant Cleaved N-terminal GSDMD Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA0288
Contents:	Recombinant Cleaved N-terminal GSDMD Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C370274
Applications:	WB, IF, ELISA
Reactivity:	Human

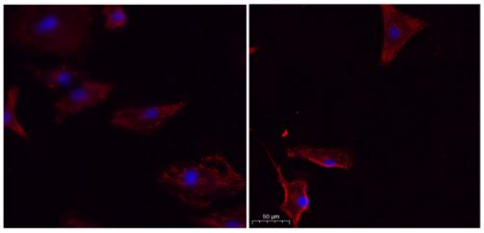
Antibody Data

Uniprot ID:	P57764
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

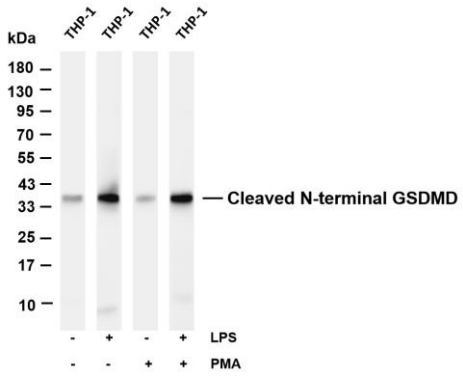
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	WB 1:2000-1:10000, IF 1:200-1:1000, ELISA 1:5000-1:20000
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

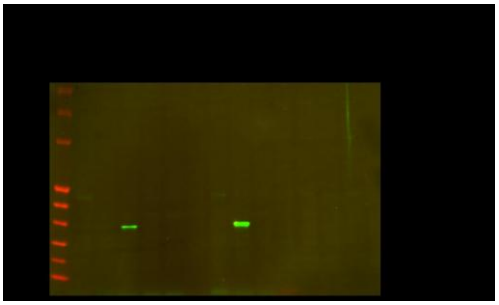
Validation Data



Immunofluorescence analysis of un-treated (left) A549 and UV treated(right) A549 cell. 1,primary Antibody was 1:200(4℃ diluted at 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.



Various whole cell lysates were separated by 4-20% SDS- PAGE, and the membrane was blotted with anti-Cleaved N- terminal GSDMD antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: THP-1 Lane 2: THP-1 was treated with Lipopolysaccharides Lane 3: THP-1 was treated with Phorbol 12-myristate 13-acetate Lane 4: THP-1 was treated with Lipopolysaccharides and Phorbol 12-myristate 13-acetate Predicted band size: 53kDa Observed band size: 35kDa



Various whole cell lysates were separated by 4-20% SDS- 4℃, PAGE, and the primary antibody was used at over night with a 1:5000 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HL60 Lane2: HUVEC Lane3: Human CAF Lane4: HCT116 Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1 Lane9: HK-2 Lane10: PC-12 Lane11: 3T3- L1 Lane12: PC-3 Lane13: U-14 Lane14: 293F. Predicted band size: 35kDa Observed band size: 35kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.