

# Product Datasheet

## Gasdermin D Antibody (3G1A6) - Cleaved, N-terminal NBP3-33474-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-33474-100ul**

Gasdermin D Antibody (3G1A6) - Cleaved, N-terminal

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3G1A6
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	53 kDa

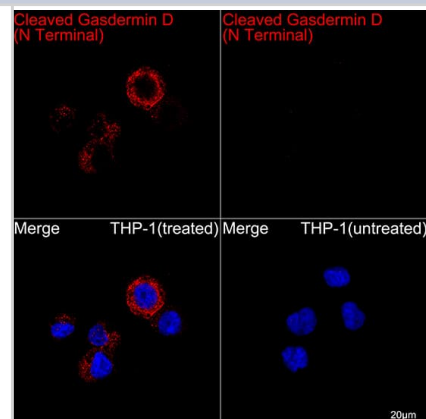
Product Description	
Description	Novus Biologicals Rabbit Gasdermin D Antibody (3G1A6) - Cleaved, N-terminal (NBP3-33474) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79792
Gene Symbol	GSDMD
Species	Human
Immunogen	A synthetic peptide corresponding to residues surrounding Asp275 of human Gasdermin D (NP_079012.3).  Sequence: NFLTD

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:70000 - 1:280000, ELISA Recommended starting concentration is 1 ug/mL, Immunocytochemistry/ Immunofluorescence 1:100 - 1:400



## Images

Immunocytochemistry/ Immunofluorescence: GSDMDC1 Antibody (3G1A6) - Cleaved, N-terminal [NBP3-33474] - Confocal imaging of THP-1 cells (treated with PMA and LPS) and THP-1 cells (untreated) cells using [KO Validated] GSDMDC1 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Western Blot: GSDMDC1 Antibody (3G1A6) - Cleaved, N-terminal [NBP3-33474] - Western Blot analysis of lysates from THP-1 cells using [KO Validated] GSDMDC1 Rabbit mAb at 1:72000 dilution incubated overnight at 4C. THP-1 cells were treated by PMA/TPA (80 nM) at 37C for overnight and LPS (1 ug/ml) at 37C for 6 hours.

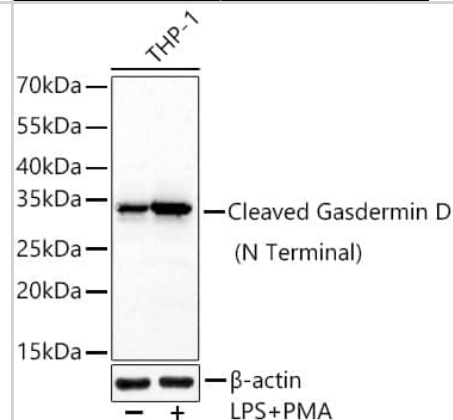
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 30 ug per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 45s.



Western Blot: GSDMDC1 Antibody (3G1A6) - Cleaved, N-terminal [NBP3-33474] - Western Blot analysis of lysates from wild type (WT) and Cleaved Gasdermin D knockout (KO) THP-1 cells using [KO Validated] GSDMDC1 Rabbit mAb at 1:72000 dilution incubated at room temperature for 1.5 hours. THP-1 cells and Gasdermin D knockout (KO) THP-1 cells were treated by PMA/TPA (80 nM) at 37C for overnight and LPS (1 ug/ml) at 37C for 6 hours.

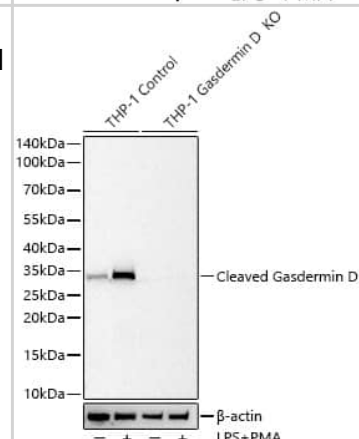
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 30 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 20s.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-33474-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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