

Product Datasheet

Calpain 2 Antibody (OT11F4) - Azide and BSA Free NBP2-70335

Unit Size: 100 ug

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

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NBP2-70335

Calpain 2 Antibody (OTI1F4) - Azide and BSA Free

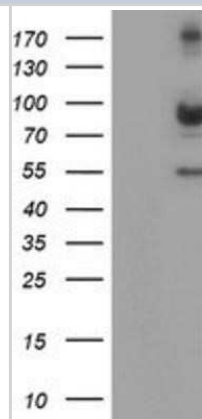
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1F4
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	79.8 kDa

Product Description	
Description	Novus Biologicals Mouse Calpain 2 Antibody (OTI1F4) - Azide and BSA Free (NBP2-01814) is a monoclonal antibody validated for use in WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	824
Gene Symbol	CAPN2
Species	Human, Mouse, Rat, Monkey
Immunogen	Full length human recombinant protein of human CAPN2(NP_001739) produced in HEK293T cell.

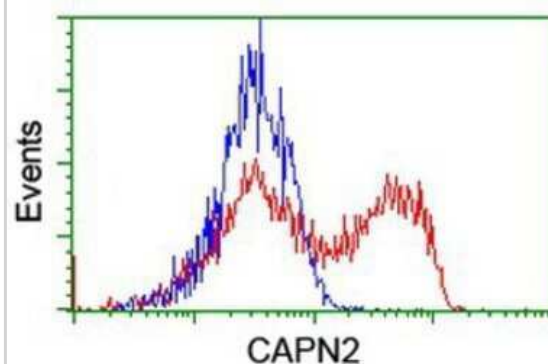
Product Application Details	
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, CyTOF-ready

Images

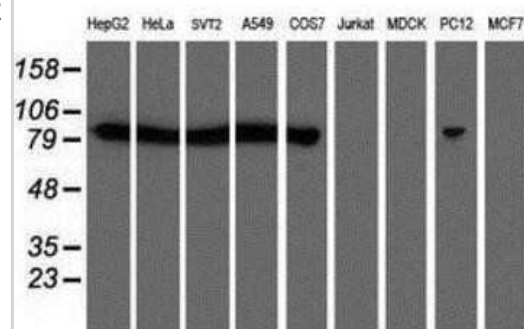
Western Blot: Calpain 2 Antibody (OTI1F4) - Azide and BSA Free [NBP2-70335] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Calpain 2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Calpain 2.



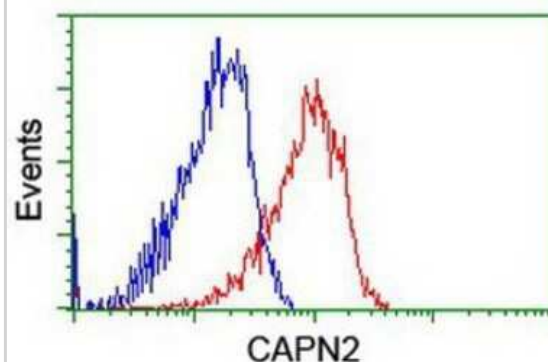
Flow Cytometry: Calpain 2 Antibody (OTI1F4) - Azide and BSA Free [NBP2-70335] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-Calpain 2 antibody, and then analyzed by flow cytometry.



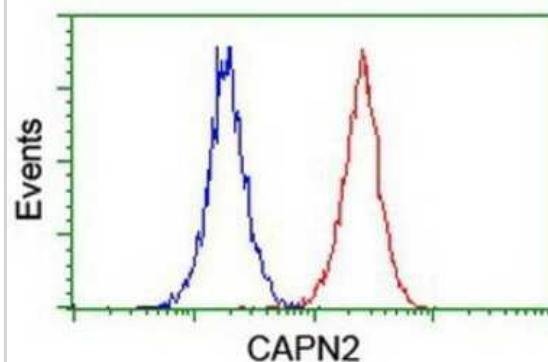
Western Blot: Calpain 2 Antibody (OTI1F4) - Azide and BSA Free [NBP2-70335] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Calpain 2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Flow Cytometry: Calpain 2 Antibody (OTI1F4) - Azide and BSA Free [NBP2-70335] - Analysis of Hela cells, using anti-Calpain 2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Calpain 2 Antibody (OTI1F4) - Azide and BSA Free [NBP2-70335] - Analysis of Jurkat cells, using anti-Calpain 2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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Products Related to NBP2-70335

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00000824-P01-10ug	Recombinant Human Calpain 2 GST (N-Term) Protein

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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