

Product Datasheet

Calpain 2 Antibody (OTI1F4) NBP2-01814

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-01814

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-01814



NBP2-01814**Calpain 2 Antibody (OTI1F4)****Product Information**

| | |
|--------------------------------|------------------------------------------|
| Unit Size | 0.1 ml |
| Concentration | 0.75 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OTI1F4 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG2a |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.3), 1.0% BSA and 50% Glycerol |
| Target Molecular Weight | 79.8 kDa |

Product Description

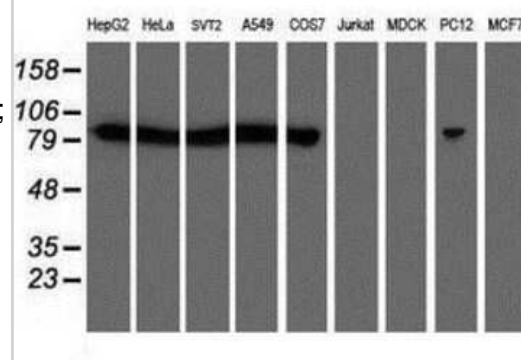
| | |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host | Mouse |
| Gene ID | 824 |
| Gene Symbol | CAPN2 |
| Species | Human, Mouse, Rat, Monkey |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. |
| Immunogen | Full length human recombinant protein of human CAPN2(NP_001739) produced in HEK293T cell. |

Product Application Details

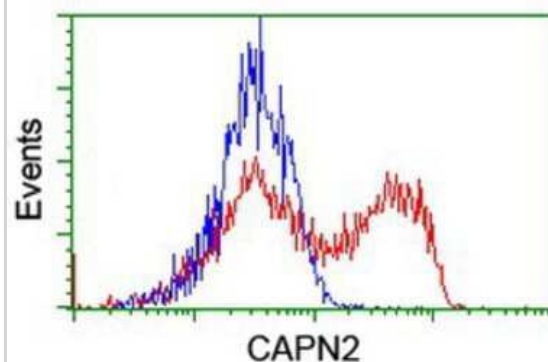
| | |
|------------------------------|-----------------------------------------------|
| Applications | Western Blot, Flow Cytometry |
| Recommended Dilutions | Western Blot 1:500-2000, Flow Cytometry 1:100 |

Images

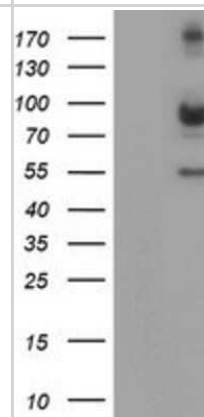
Western Blot: Calpain 2 Antibody (1F4) [NBP2-01814] Analysis of extracts (35ug) from 9 different cell lines by using anti-Calpain 2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



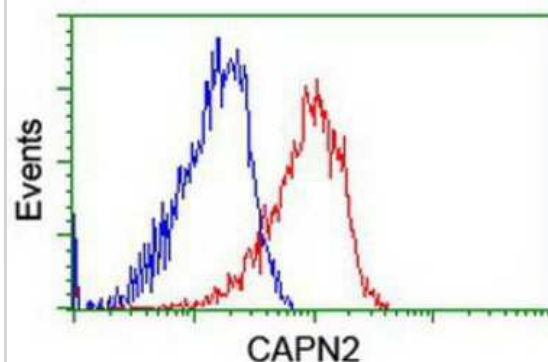
Flow Cytometry: Calpain 2 Antibody (1F4) [NBP2-01814] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Calpain 2 antibody, and then analyzed by flow cytometry.



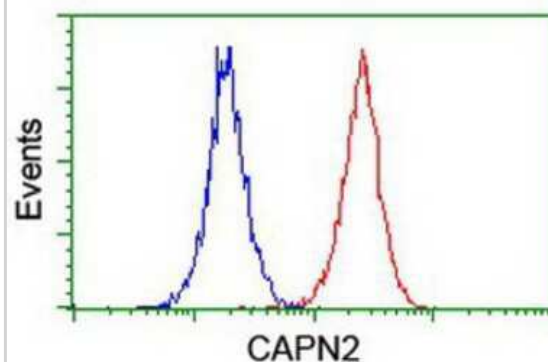
Western Blot: Calpain 2 Antibody (1F4) [NBP2-01814] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Calpain 2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Calpain 2.



Flow Cytometry: Calpain 2 Antibody (1F4) [NBP2-01814] - Analysis of Hela cells, using anti-Calpain 2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Calpain 2 Antibody (1F4) [NBP2-01814] - Analysis of Jurkat cells, using anti-Calpain 2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



**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 NBP2-01814

| | |
|--------------------|---------------------------------------------------------|
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-01814

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

