

Product Datasheet

Calpain 1 Antibody (2A2)

NBP2-76963

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-76963

Calpain 1 Antibody (2A2)

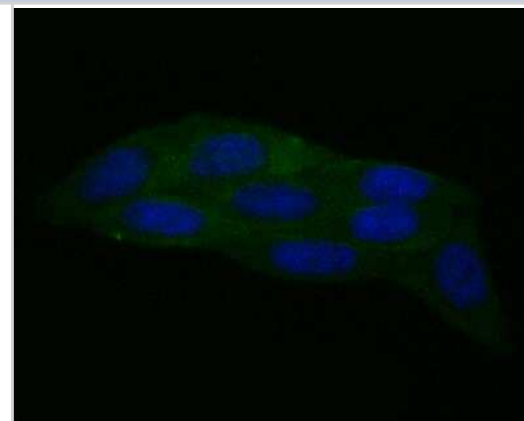
Product Information	
Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2A2
Preservative	0.05% Sodium Azide
Isotype	IgM
Purity	Protein L purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	82 kDa

Product Description	
Host	Mouse
Gene ID	823
Gene Symbol	CAPN1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Recombinant protein within Human Calpain 1 aa 1-714 / 714. (SwissProt: P07384 Human; SwissProt: O35350 Mouse; SwissProt: P97571 Rat)

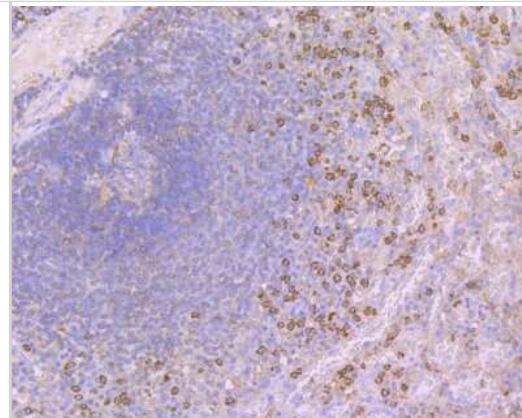
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

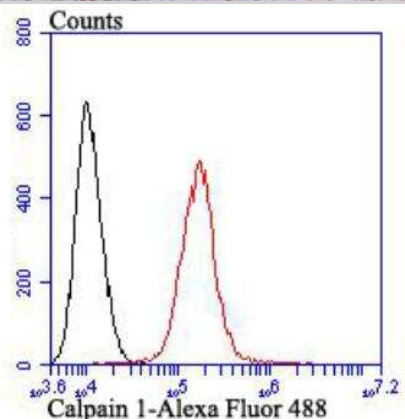
Immunocytochemistry/Immunofluorescence: Calpain 1 Antibody (2A2) [NBP2-76963] - ICC staining Calpain 1(green) in SiHa cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



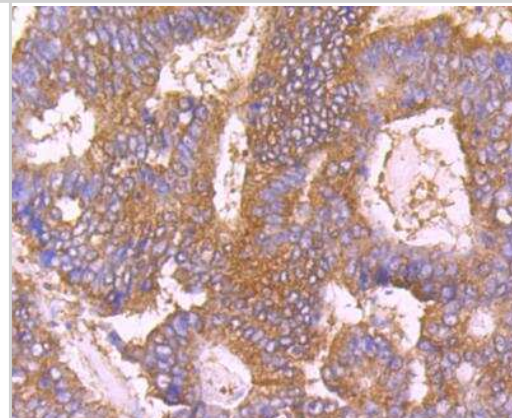
Immunohistochemistry-Paraffin: Calpain 1 Antibody (2A2) [NBP2-76963]
 - Analysis of paraffin-embedded human spleen tissue using anti-Calpain 1 antibody. Counter stained with hematoxylin.



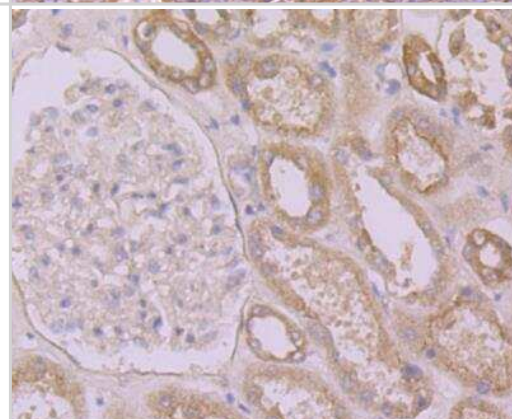
Flow Cytometry: Calpain 1 Antibody (2A2) [NBP2-76963] - Flow cytometric analysis of A431 cells with Calpain 1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-mouse IgG was used as the secondary antibody.



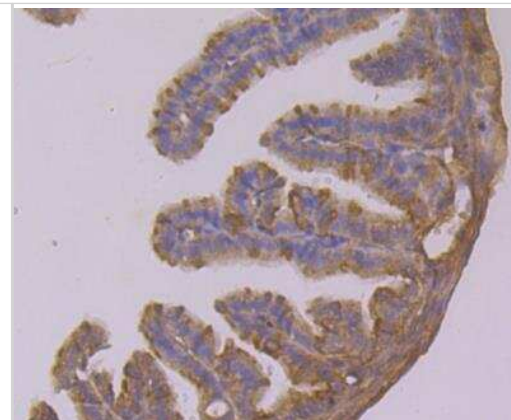
Immunohistochemistry: Calpain 1 Antibody (2A2) [NBP2-76963] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Calpain 1 antibody. Counter stained with hematoxylin.



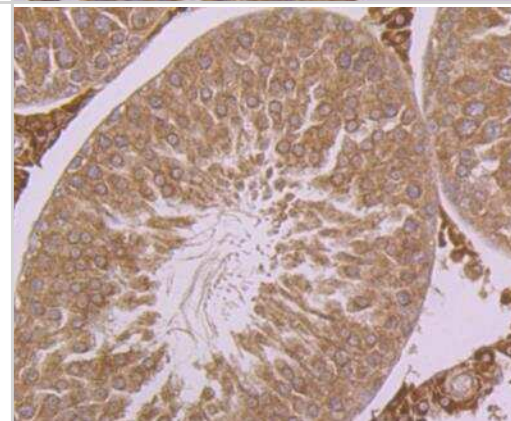
Immunohistochemistry: Calpain 1 Antibody (2A2) [NBP2-76963] - Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Calpain 1 antibody. Counter stained with hematoxylin.



Immunohistochemistry: Calpain 1 Antibody (2A2) [NBP2-76963] - Immunohistochemical analysis of paraffin-embedded mouse fallopian tubes tissue using anti-Calpain 1 antibody. Counter stained with hematoxylin.



Immunohistochemistry: Calpain 1 Antibody (2A2) [NBP2-76963] - Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-Calpain 1 antibody. Counter stained with hematoxylin.





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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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