

# Product Datasheet

## Calpain 2 Antibody (JA43-41) NBP2-67202

Unit Size: 100 ul

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

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**NBP2-67202**

Calpain 2 Antibody (JA43-41)

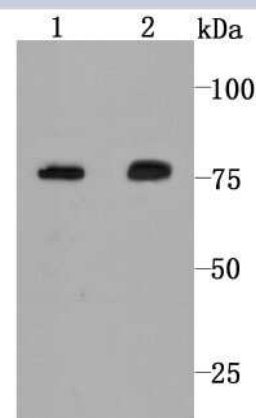
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JA43-41
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	CAPN2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Calpain 2 aa 651-700 / 700. (SwissProt: P17655 Human; SwissProt: O08529 Mouse; SwissProt: Q07009 Rat)

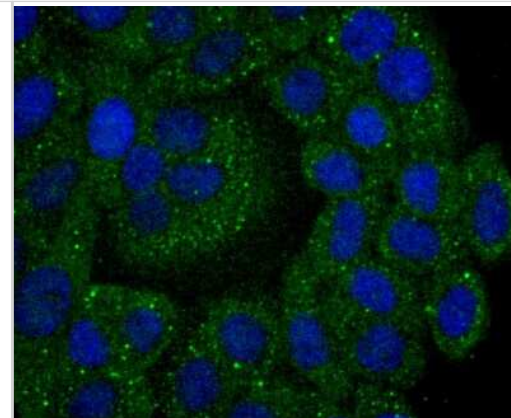
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

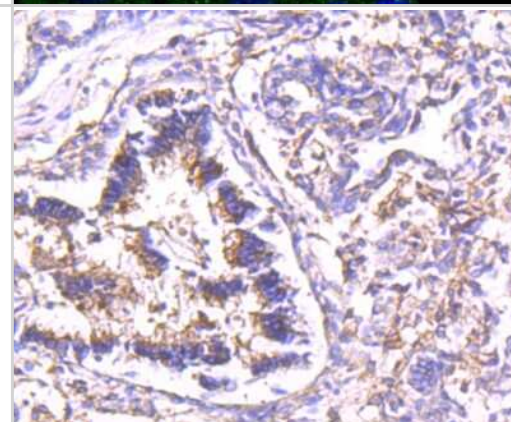
Western Blot: Calpain 2 Antibody (JA43-41) [NBP2-67202] - Analysis of Calpain 2 on Hela cell (1) and rat skin tissue (2) lysate using anti-Calpain 2 antibody at 1/1,000 dilution.



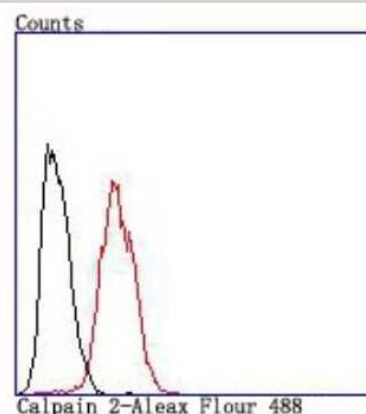
Immunocytochemistry/Immunofluorescence: Calpain 2 Antibody (JA43-41) [NBP2-67202] - Staining Calpain 2 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



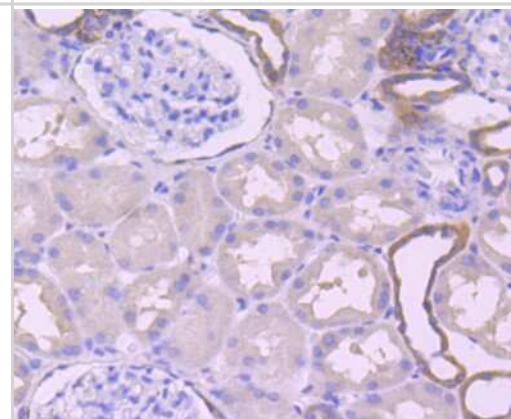
Immunohistochemistry-Paraffin: Calpain 2 Antibody (JA43-41) [NBP2-67202] - Analysis of paraffin-embedded human lung tissue using anti-Calpain 2 antibody. Counter stained with hematoxylin.



Flow Cytometry: Calpain 2 Antibody (JA43-41) [NBP2-67202] - Analysis of Hela cells with Calpain 2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



Immunohistochemistry-Paraffin: Calpain 2 Antibody (JA43-41) [NBP2-67202] - Analysis of paraffin-embedded human kidney tissue using anti-Calpain 2 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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