

Datasheet for ABIN6244177
anti-Calpain 2 antibody (AA 1-400)

3 Images

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Overview

Quantity:	400 µL
Target:	Calpain 2 (CAPN2)
Binding Specificity:	AA 1-400
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calpain 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This CAPN2 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human CAPN2.
Clone:	1381CT669-7-66-71
Isotype:	IgG2b
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Calpain 2 (CAPN2)
Alternative Name:	CAPN2 (CAPN2 Products)

Target Details

Background: Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.

Molecular Weight: 79995

UniProt: [P17655](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:25. FC: 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

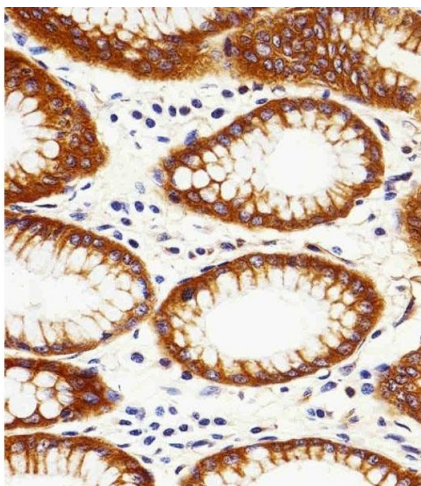
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

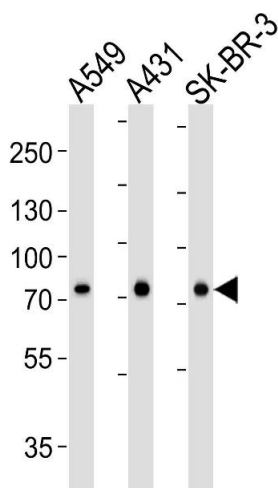
Expiry Date: 6 months

Images



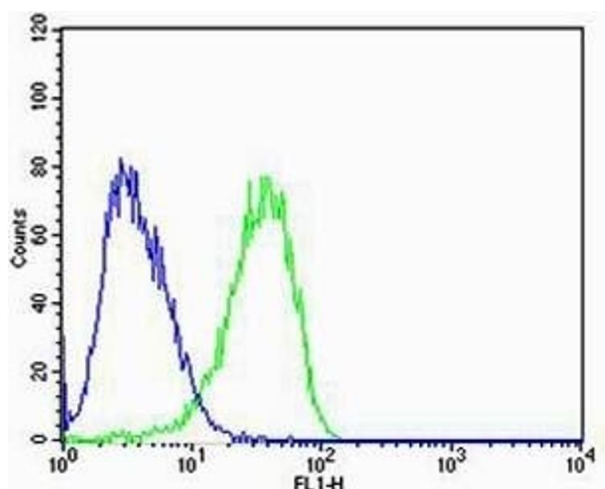
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H.stomach section using CN2 Antibody (ABIN6244177 and ABIN6577076). (ABIN6244177 and ABIN6577076) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of lysates from A549, A431, SK-BR-3 cell line (from left to right), using CN2 Antibody (ABIN6244177 and ABIN6577076). (ABIN6244177 and ABIN6577076) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.



Flow Cytometry

Image 3. Flow cytometric analysis of U-87 MG cells using CN2 Antibody (green, Cat(ABIN6244177 and ABIN6577076)) compared to an isotype control of mouse IgG2b(blue). 20600c was diluted at 1:100 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.