Recombinant CRMP2 Monoclonal Antibody

catalog number: **AN301738L**

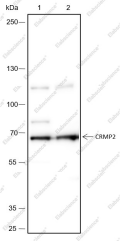
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human CRMP2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111360
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB(cell	lysate) 1:500-1:2000
WB(tissue	lysate) 1:1000-1:10000
IHC	1:200-1:1000
IF	1:50

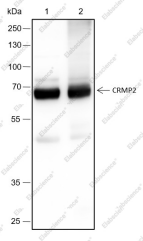
Data



Western Blot with CRMP2 Monoclonal Antibody at dilution of 1:2000. Lane 1: SHSY-5Y, Lane 2: NIH-3T3

Observed-MW:62-66 kDa

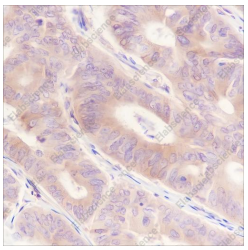
Calculated-MW:62 kDa



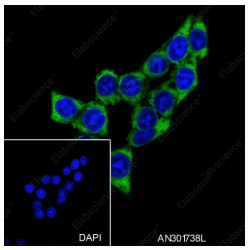
Western Blot with CRMP2 Monoclonal Antibody at dilution of 1:10000. Lane 1: Mouse brain, Lane 2: Rat brain

Observed-MW:62-66 kDa

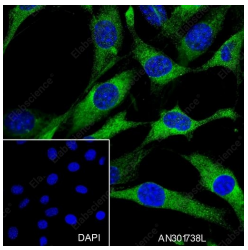
Calculated-MW:62 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using CRMP2 Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HCT116 cells using anti-CRMP2 Monoclonal Antibody at dilution of 1:50.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed NIH3T3 cells using anti-CRMP2 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Collapsing response mediator protein 2 (CRMP2 and DPYSL2) is known to be a member of the CRMP family. CRMP2 reportedly functions to regulate synaptic transmission, control MT dynamics, and modulate vesicle trafficking in cells and the developing brain. Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.

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