

Recombinant Muscarinic Acetylcholine Receptor 2/CM2 Monoclonal Antibody

catalog number: AN301426L

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

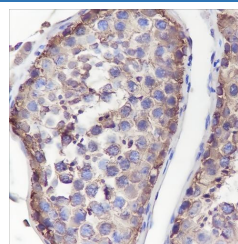
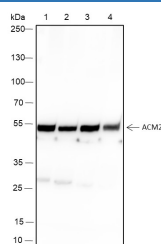
Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human Muscarinic Acetylcholine Receptor 2/CM2 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A121
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:100

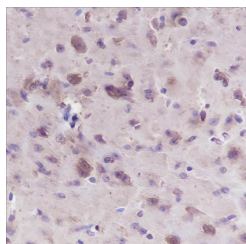
Data



Western Blot with Muscarinic Acetylcholine Receptor 2/CM2 Monoclonal Antibody at dilution of 1:5000. Lane 1: U87MG, Lane 2: HepG2, Lane 3: F9, Lane 4: PC-12

Immunohistochemistry of paraffin-embedded Human testis using Muscarinic Acetylcholine Receptor 2/CM2 Monoclonal Antibody at dilution of 1:100.

Observed-MW:52 kDa
Calculated-MW:52 kDa



Immunohistochemistry of paraffin-embedded Mouse brain using Muscarinic Acetylcholine Receptor 2/CM2 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

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

Background

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is adenylate cyclase inhibition. Signaling promotes phospholipase C activity, leading to the release of inositol trisphosphate (IP3); this then triggers calcium ion release into the cytosol.

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