

Recombinant RXRA Monoclonal Antibody

catalog number: **AN301943L**

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

Description

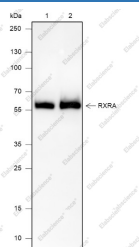
Reactivity	Human
Immunogen	Recombinant human RXRA fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C371564
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000
IF	1:50

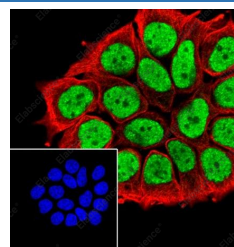
Data



Western Blot with RXRA Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: MCF-7

Observed-MW:56 kDa

Calculated-MW:51 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed MCF-7 cells using anti-RXRA 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

Retinoid X receptor α (RXRA) is the founding RXR family member and is predominantly expressed in the liver, kidney, epidermis, intestine, and a variety of tissues. Knockout of the murine rxra gene results in embryonic lethality tentatively due to myocardial hypoplasia, which demonstrates the importance of RXRA in retinoid signaling in vivo. Biochemical evidence suggests that RXRA transcriptional activity is post-translationally regulated through the Ras-Raf-MAPK signaling cascade. MAPK-dependent phosphorylation of RXR α directly abrogates the ability of RXRA to associate with nuclear receptor coactivators.

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