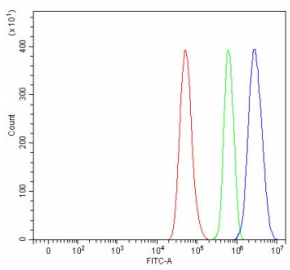
RXR alpha Antibody / Retinoid X receptor alpha (RQ8162)

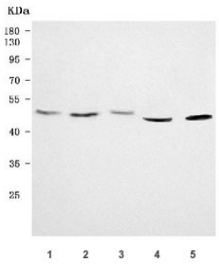
Catalog No.	Formulation	Size
RQ8162	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P19793
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This RXR alpha antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human HeLa cells with RXR alpha antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RXR alpha antibody.



Western blot testing of 1) human HeLa, 2) human K562, 3) human A431, 4) human HepG2 and 5) rat PC-12 cell lysate with RXR alpha antibody. Predicted molecular weight: ~51 kDa but routinely observed at 54~60 kDa.

Description

Retinoid X receptor alpha (RXR-alpha), also known as NR2B1 (nuclear receptor subfamily 2, group B, member 1) is a nuclear receptor that in humans is encoded by the RXRA gene. Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants.

Application Notes

Optimal dilution of the RXR alpha antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-H133) was used as the immunogen for the RXR alpha antibody.

Storage

After reconstitution, the RXR alpha antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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