

Anti human RXR gamma mouse monoclonal antibody

RXR gamma: Retinoid X Receptor gamma

Code No PP-H3210-00

Clone No. H3210

Lot. A-1

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description Retinoid X receptor gamma (RXRg; NR2B3) is a member of orphan nuclear receptor. 9-cis retinoic acid can bind to RXR. RXRg is expressed brain, pituitary. Along with other members of the RXR family, RXRg plays roles in a variety of processes including embryonic patterning and organogenesis, cell proliferation and differentiation. RXRs commonly function as heterodimers with other members of the nuclear receptor superfamily. Two N-terminally different isoforms of RXRg with different expression patterns were found, RXRg1 and RXRg2.

Nomenclature NR2B3

Genbank U38480

Origin Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human RXR gamma (2-137aa) .

Specificity This antibody specifically recognizes human RXR gamma but does not recognize human RXR alpha and beta. Not yet tested in other species.

Purification Ammonium sulfate fractionation

Formulation Physiological saline with 0.1% NaN₃ as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot 1 ug/mL

Non reducing Western Blot 3 ug/mL

ELISA 0.3 ug/mL

Immunoprecipitation Decide by use

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry Not yet tested

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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MADE IN JAPAN

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