

# Anti human RXR gamma mouse monoclonal antibody

RXR gamma: Retinoid X Receptor gamma

**Code No** PP-H3210-00

**Clone No.** H3210

**Lot.** \*\*\*

**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% NaN<sub>3</sub> 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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