

Anti human ROR gamma mouse monoclonal antibody

ROR gamma: RAR-related orphan receptor gamma

Code No PP-H6437-00

Clone No. H6437

Lot. ***

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description Retinoic acid-related orphan receptor gamma (RORg, TOR, RORC; NR1F3) is a member of orphan nuclear receptor. RORg is expressed in muscle, thymus, testis, pancreas, prostate, heart and liver. RORg plays a role in thymocyte development and homeostasis. RORs bind to DNA as monomers on half-site elements with 5' A/T-rich extension. An N-terminal isoform of RORg, RORgt, has been shown to be specifically expressed in the thymus.

Nomenclature NR1F3

Genbank U16997

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 ROR gamma (2-30 aa) .

Specificity This antibody specifically recognizes human ROR gamma but does not recognize ROR 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 Not yet tested

ELISA 0.3 ug/mL (A450=0.5)

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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