

Anti human ROR beta mouse monoclonal antibody

ROR beta: RAR-related orphan receptor beta

Code No PP-N7927-00

Clone No. N7927

Lot. A-2

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2b

Description Retinoic acid-related orphan receptor beta (RORb, RRZR; NR1F2) is a member of orphan nuclear receptor. RORa is expressed in brain, eye, spinal cord and pituitary. Deatail analysis i the brain shows expression found in the pineal gland, hypothalamus and thalamus. RORb appears to have a role in the regulation of circadian rhythm and proessing sensory information.

Nomenclature NR1F2

Genbank Y08639

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 ROR beta (134-233 aa) .

Specificity This antibody specifically recognizes human ROR beta but does not recognize ROR alpha and gamma. 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 1µg/mL

Non reducing Western Blot 1µg/mL

ELISA 0.2µg/mL (A450=1.0)

Immunoprecipitation Not yet tested

Supershift Assay Not yet tested

Chromatin immunoprecipitatic 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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