Perseus Proteomics Inc.
30-1 Nihonbashi-hakozakicho, Chuo-ku,
Tokyo 103-0015, JAPAN
TEL: +81-3-6264-8268 FAX: +81-3-3668-7776
https://www.ppmx.com order@ppmx.com

Anti human ROR gamma mouse monoclonal antibody

ROR gamma: RAR-related orphan receptor gamma

Code No	PP-H6437-00
Clone No.	H6437
Lot.	A-1
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 immunoprecipitatic	Not yet tested
Immunohistochemistry	Not yet tested

Storage

Store at 2 - 8 ºC 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.

MADE IN JAPAN

July 1, 2023