

Anti human RAR gamma mouse monoclonal antibody

RAR gamma: Retinoic Acid Receptor gamma

Code No	PP-H5620-00
Clone No.	H5620
Lot.	A-1
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Retinoic acid receptor gamma (RARγ; NR1B3) is closely related to TR. RARs bind to two retinoids, all-trans retinoic acid and 9-cis retinoic acid. RARγ is expressed in both adult and fetal skin. Along with other members of the RAR family, RARγ is redundantly involved in vertebrates in the pleiotropic control of embryonic patterning and organogenesis, cell proliferation, differentiation and apoptosis, as well as homeostatic control.
Nomenclature	NR1B3
Genbank	M57707
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 RAR gamma (2-88 aa) .
Specificity	This antibody specifically recognizes human RAR gamma but does not recognize RAR alpha and beta. Not yet tested in other species.
Purification	Ammonium sulfate fractionation
Formulation	Physiological saline with 0.1% NaN ₃ 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	60 ng/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.
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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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