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Anti human RAR beta mouse monoclonal antibody

RAR beta: Retinoic Acid Receptor beta

Code No	PP-H4338-00
Clone No.	H4338
Lot.	A-1
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Retinoic acid receptor beta (RARb, hap, RARe; NR1B2) is closely related to TR. RARs bind to two retinoids, all-trans retinoic acid and 9-cis retinoic acid. RARb is expressed in ovary, uterus, mammary cell lines, adult and fetal spleen. RARs have been associated with several diseases, among which cancer is one of the most important. RARb takes part in apoptosis.
Nomenclature	NR1B2
Genbank	Y00291
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 beta (2-79 aa) .
Specificity	This antibody specifically recognizes human RAR beta but does not recognize RAR 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	1 ug/mL
Non reducing Western Blot	Not yet tested
ELISA	0.2 ug/mL (A450=0.2)
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