Anti human RXR beta mouse monoclonal antibody

RXR beta: Retinoid X Receptor beta

Code No	PP-H7341-00 old No. 2ZH7341H
Clone No.	H7341
Lot.	A-2
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Retinoid X receptor beta (RXRb; NR2B2) is a member of orphan nuclear receptor. 9-cis retinoic acid can bind to RXR. RXRb is expressed widespread in most tissues of the embryo, including the central nerves system. Along with other members of the RXR family, RXRb plays roles in a variety of processes including embryonic patterning and organogenesis, cell proliferation and differentiation. RXRs commonly function as heterodimers with other members of the nuclear receptor superfamily.
Nomenclature	NR2B2
Genbank	M84820
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 RXR beta (9-187 aa).
Specificity	This antibody specifically recognizes human RXR beta and cross reacts with rat RXR beta. This antibody does not recognize human RXR 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	1 ug/mL
ELISA	1 ug/mL (A450=1.0)
Immunoprecipitation	Decide by use
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	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	Nakamura T, et al., Nat Genet., 36(5): 528-33, 2004.
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

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Distributed by

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