

## 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, RRZRB; 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	Physiologic saline with 0.1 % NaN3.

### 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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