

# Anti human ROR beta mouse monoclonal antibody

ROR beta: RAR-related orphan receptor beta

<b>Code No</b>	PP-N7927-00
<b>Clone No.</b>	N7927
<b>Lot.</b>	A-1
<b>Concentration</b>	1 mg/mL
<b>Volume</b>	100 uL
<b>Ig Class</b>	G2b
<b>Description</b>	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.
<b>Nomenclature</b>	NR1F2
<b>Genbank</b>	Y08639
<b>Origin</b>	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) .
<b>Specificity</b>	This antibody specifically recognizes human ROR beta but does not recognize ROR alpha and gamma. Not yet tested in other species.
<b>Purification</b>	Ammonium sulfate fractionation.
<b>Formulation</b>	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.

<b>Western Blot</b>	1µg/mL
<b>Non reducing Western Blot</b>	1µg/mL
<b>ELISA</b>	0.2µg/mL (A450=1.0)
<b>Immunoprecipitation</b>	Not yet tested
<b>Supershift Assay</b>	Not yet tested
<b>Chromatin immunoprecipitation</b>	Not yet tested
<b>Immunohistochemistry</b>	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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**MADE IN JAPAN**

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