

## Anti human ROR alpha mouse monoclonal antibody

ROR alpha: RAR-related orphan receptor alpha

Code No	PP-H3910-00 old No. 2ZH3910H
Clone No.	H3910
Lot.	A-1
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Retinoic acid-related orphan receptor alpha (RORa, RZRα, RORA; NR1F1) is a member of orphan nuclear receptor. RORa is expressed in lung, muscle, brain, heart, peripheral blood leukocytes, spleen, liver and ovary. RORa appears to have a general role in cell survival in the central nervous system. Four isoforms are generated from the RORa gene, RORa1-RORa4.
Nomenclature	NR1F1
Genbank	U04897
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 alpha (136-236 aa) .
Specificity	This antibody specifically recognizes human ROR alpha but does not recognize ROR beta and gamma. Not yet tested in other species.
Purification	Ammonium sulfate fractionation
Formulation	Physiological saline with 0.1% NaN <sub>3</sub> 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	0.3 ug/mL (A450=0.7)
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.

### 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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Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

**MADE IN JAPAN**

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Distributed by

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