

Anti human PPAR delta mouse monoclonal antibody

PPAR delta: Peroxisome Proliferator-Activated Receptor delta

Code No	PP-K9436-10
Clone No.	K9436
Batch	A2F1
Size	100ug lyophilized antibody
Formulation	Lyophilized from phosphate-buffered saline (PBS) containing 5% Trehalose as a stabilizer.
Ig Class	G2a
Nomenclature	NR1C2
Genbank	L07592

Description Peroxisome proliferator-activated receptor beta (PPARb, NUC1, PPARd; NR1C2) is a member of orphan nuclear receptor. PPARb is expressed in uterus and placenta. It plays important roles in lipid and glucose metabolism, and have been implicated in obesity-related metabolic diseases such as hyperlipidemia, insulin resistance, and coronary artery disease. Three members were called PPARa, b, g. RXR is an obligate partner for PPAR.

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 PPAR delta (1-60 aa).

Specificity This antibody specifically recognizes human PPAR delta but does not recognize human PPAR alpha and gamma. Not yet tested in other species.

Purification Ammonium sulfate fractionation.

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 0.5 ug/mL

Immunoprecipitation Not yet tested

Supershift Assay 100 ug/mL

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry Not yet tested

Reconstitution Reconstitute with desired volume of distilled water. Reconstitution in 0.1 ml of distilled water yields an antibody concentration of 1mg/ml. Please note reconstituted solution will contain original PBS and 5% Treharose (see Formulation).

Storage Lyophilized samples are stable for twelve months when held at 2 - 8 C. Upon reconstitution, the antibody can be stored 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

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

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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