

Anti human REVERB beta mouse monoclonal antibody

Rev-erb beta

Code No PP-H2729-00

Clone No. H2729

Lot. A-2

Concentration 1 mg/mL

Volume 100 uL

Ig Class G3

Description Reverse orientation the c-erbA-1 gene beta (RevErb, BD73; NR1D2) is a member of orphan nuclear receptor. RevErb is expressed in heart, brain, lung, liver, skeletal muscles, kidney, spleen and testis. RevErb is indicating broad roles in cell proliferation and physiology.

Nomenclature NR1D2

Genbank L31785

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 REVERB beta (4-101aa).

Specificity This antibody specifically recognizes human REVERB beta and cross reacts with rat REVERB beta. This antibody does not recognize human REVERB alpha. 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 Not applicable

ELISA 0.3 ug/mL

Immunoprecipitation Decide by use

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 50 -100 ug/mL



Rat Cerebrum
Nerve cell
paraffin section



Rat Epididymis
Epithelial cell
paraffin section

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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