

Anti human REVERB alpha mouse monoclonal antibody

Rev-erb alpha

Code No PP-A8740A-00

Clone No. A8740A

Lot. ***

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description Reverse orientation the c-erbA-1 gene alpha (RevErba, ear1, Rev-erbAa; NR1D1) is a member of orphan nuclear receptor. RevErba is expressed in skeletal muscles, brown fat, liver, heart, brain, pituitary, kidney, testis, lung, hypothalamus. RevErba is indicating broad roles in cell proliferation and physiology. RevErba expression is regulated along a circadian rhythm.

Nomenclature NR1D1

Genbank M24898

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 alpha (2-130 aa) .

Specificity This antibody specifically recognizes REVERB alpha but does not recognizes REVERB beta. 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 1 ug/mL

ELISA 10 ng/mL

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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MADE IN JAPAN

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