

Anti human ERR beta mouse monoclonal antibody

ERR beta: Estrogen-Related Receptor beta

Code No PP-H6707-00

Clone No. H6707

Lot. A-1

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description Estrogen-related receptor beta (ERRb, ERR2; NR3B2) is a member of orphan nuclear receptor. ERRb is expressed in kidney, retina, intestine, cerebrum and cerebellum. ERRb has a role in early placental development.

Nomenclature NR3B2

Genbank X51417

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 ERR beta(3-100 a.a.).

Specificity This antibody specifically recognizes human ERR beta and does not recognize human ERR alpha and gamma. 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 0.2 ug/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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