

## Anti human ERR beta mouse monoclonal antibody

ERR beta: Estrogen-Related Receptor beta

**Code No** PP-H6705-00

**Clone No.** H6705

**Lot.** A-2

**Concentration** 1 mg/mL

**Volume** 100 uL

**Ig Class** G2b

**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 cross reacts with mouse and rat ERR beta. This antibody does not recognize human ERR alpha and gamma.

**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** 1 ug/mL

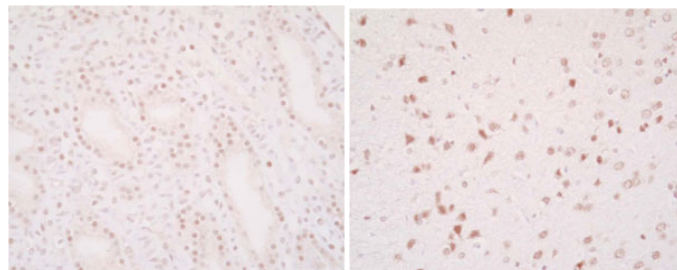
**ELISA** 0.1 ug/mL (A450=0.2)

**Immunoprecipitation** Decide by use

**Supershift Assay** Not yet tested

**Chromatin immunoprecipitation** Not yet tested

**Immunohistochemistry** 10 ug/mL



Rat  
Kidney  
paraffin section

Rat  
Brain  
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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