

Anti human ERR gamma mouse monoclonal antibody

ERR gamma: Estrogen-Related Receptor gamma

Code No PP-H6812-00

Clone No. H6812

Lot. A-2

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description Estrogen-related receptor gamma (ERRg, ESRRG; NR3B3) is a member of orphan nuclear receptor. ERRg is expressed in brain, kidney, testis, lung, adrenal gland, pancreas, placenta or bone marrow. ERRg was shown to be located in the critical region for Usher's syndrome.

Nomenclature NR3B3

Genbank AF058291

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 gamma (2-100 aa) .

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

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 yet tested

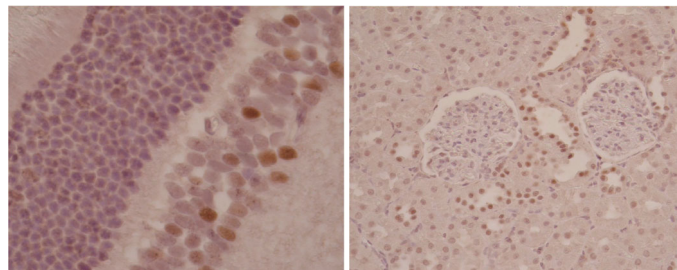
ELISA 1.7 ug/mL (A450=0.5)

Immunoprecipitation Decide by use

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 10µg/mL



Rat
inner nuclear layer of the retina

Rat
kidney distal convoluted tubule

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 Qin J, *et al.* Dev Dyn. 2007; 236(3): 810-20

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

July 1, 2023