

Anti human TR2 mouse monoclonal antibody

TR2: Testicular receptor 2

Code No PP-H0037-00

Clone No. H0037

Lot. ***

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2b

Description Testis receptor 2 (TR2, TR2-11, DOR; NR2C1) is a members of orphan nuclear receptor. TR2 is expressed in prostate, liver, testis, seminal vesicle and kidney. TR2 activates the human aldose-A gene, also through a DR1 element. TR2 and TR4 interact together and form heterodimers. The human TR2 gene may express at least four different isoforms. The TR2-11 isoform is the full-size protein, whereas the TR2-5, TR2-9 and TR2-7 isoforms represent truncated proteins at different levels in the LBD.

Nomenclature NR2C1

Genbank M29960

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 TR2 (4-110 aa) .

Specificity This antibody specifically recognizes human TR2. 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 2 ug/mL

Non reducing Western Blot Not yet tested

ELISA 0.2 ug/mL (A450=0.4)

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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