

# Anti human TR2 mouse monoclonal antibody

TR2: Testicular receptor 2

Code No	PP-H0037-00
Clone No.	H0037
Lot.	A-2
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.
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## 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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