

# Anti human TR2 mouse monoclonal antibody

TR2: Testicular receptor 2

<b>Code No</b>	PP-H0037-00
<b>Clone No.</b>	H0037
<b>Lot.</b>	***
<b>Concentration</b>	1 mg/mL
<b>Volume</b>	100 uL
<b>Ig Class</b>	G2b
<b>Description</b>	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.
<b>Nomenclature</b>	NR2C1
<b>Genbank</b>	M29960
<b>Origin</b>	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) .
<b>Specificity</b>	This antibody specifically recognizes human TR2. Not yet tested in other species.
<b>Purification</b>	Ammonium sulfate fractionation
<b>Formulation</b>	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.

<b>Western Blot</b>	2 ug/mL
<b>Non reducing Western Blot</b>	Not yet tested
<b>ELISA</b>	0.2 ug/mL (A450=0.4)
<b>Immunoprecipitation</b>	Decide by use
<b>Supershift Assay</b>	Not yet tested
<b>Chromatin immunoprecipitation</b>	Not yet tested
<b>Immunohistochemistry</b>	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.

**FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.**

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**MADE IN JAPAN**

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