

## Anti human TR2 mouse monoclonal antibody

TR2: Tasticular receptor 2

|               |  |
|---------------|--|
| Code No       | PP-H0037-00<br>old No. 2ZH0037H  |
| 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% 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                  | 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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Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

**MADE IN JAPAN**

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Distributed by

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