

Anti human TR2 mouse monoclonal antibody

TR2: Tasticular receptor 2

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| 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% NaN ₃ as a preservative. |

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

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| 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 |

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| 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

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| 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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