

Product datasheet for **TA504637BM**

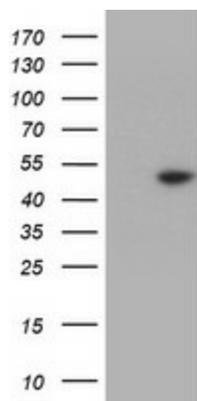
TDO2 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1D1]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1D1 |
| Applications: | WB |
| Recommended Dilution: | WB 1:2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human TDO2(NP_005642) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.4) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 47.7 kDa |
| Gene Name: | tryptophan 2,3-dioxygenase |
| Database Link: | NP_005642 Entrez Gene 56720 Mouse Entrez Gene 64206 Rat Entrez Gene 6999 Human P48775 |
| Background: | Tryptophan 2,3-dioxygenase (EC 1.13.11.11) plays a role in catalyzing the first and rat-limiting step in the kynurenine pathway, the major pathway of tryptophan metabolism. [supplied by OMIM] |
| Synonyms: | TDO; TO; TPH2; TRPO |
| Protein Pathways: | Metabolic pathways, Tryptophan metabolism |



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TDO2 ([RC202777], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TDO2. Positive lysates [LY401726] (100ug) and [LC401726] (20ug) can be purchased separately from OriGene.