

## Product datasheet for **TA504637AM**

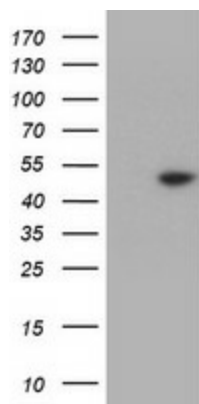
### TDO2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1D1]

#### 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.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
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:	<a href="#">NP_005642</a> <a href="#">Entrez Gene 56720 Mouse</a> <a href="#">Entrez Gene 64206 Rat</a> <a href="#">Entrez Gene 6999 Human</a> <a href="#">P48775</a>
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.