

## Product datasheet for **TA504879BM**

### TDO2 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2A4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2A4
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TDO2(NP_005642) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) 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:	<a href="#">NP_005642</a> <a href="#">Entrez Gene 6999 Human P48775</a>
Background:	Tryptophan 2,3-dioxygenase (EC 1.13.11.11) plays a role in catalyzing the first and rate-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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