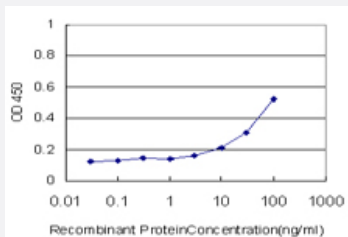


TDO2 monoclonal antibody (M01), clone 1C8

Catalog # H00006999-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TDO2 is approximately 10ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TDO2.
Immunogen	TDO2 (NP_005642, 307 a.a. ~ 405 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PFQLLTSLMDIDSLMTKWRYNHVCMVHRMLGSKAGTGGSSGYHYLRSTVSDRYKVFVDLFLNLSTYLIPRHWIPKMNPTIHKFLYTAEYCDSSYFSSDES
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TDO2 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TDO2

Entrez GeneID	6999
GeneBank Accession#	NM_005651
Protein Accession#	NP_005642
Gene Name	TDO2
Gene Alias	TDO, TPH2, TRPO
Gene Description	tryptophan 2,3-dioxygenase
Omim ID	191070
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	Tryptophan oxygenase

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Bipolar Disorder](#)

- [Genetic Predisposition to Disease](#)
- [Postmortem Changes](#)
- [Schizophrenia](#)