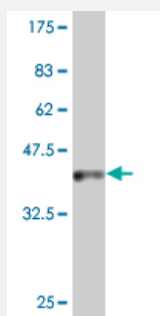


IDO1 monoclonal antibody (M07), clone 4F9

Catalog # H00003620-M07

Size 100 ug

Applications



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant IDO1.
Immunogen	IDO1 (NP_002155, 304 a.a. ~ 403 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RNFLCSLESNPVREFVLVSKGDAGLREAYDACVKALVSLRSYHLQIVTKYLIPASQQPKENKTSE DPSKLEAKGTGGTDLMNFLKTVRSTTEKSLLKEG
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — IDO1

Entrez GeneID	3620
GeneBank Accession#	NM_002164
Protein Accession#	NP_002155
Gene Name	IDO1
Gene Alias	CD107B, IDO, INDO
Gene Description	indoleamine 2,3-dioxygenase 1
Omim ID	147435
Gene Ontology	Hyperlink
Gene Summary	Gamma-interferon (IFNG; MIM 147570) has an antiproliferative effect on many tumor cells and inhibits intracellular pathogens such as Toxoplasma and Chlamydia, at least partly because of the induction of indoleamine 2,3-dioxygenase (INDO; EC 1.13.11.52). This enzyme catalyzes the degradation of the essential amino acid L-tryptophan to N-formyl-kynurenine.[supplied by OMIM]
Other Designations	indole 2,3-dioxygenase indoleamine-pyrrole 2,3 dioxygenase

Pathway

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

Disease

- [Hepatitis C](#)
- [Multiple Sclerosis](#)
- [Pre-Eclampsia](#)