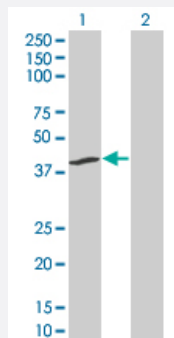


IDO1 monoclonal antibody (M03), clone 4A6

Catalog # H00003620-M03

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IDO1 expression in transfected 293T cell line by IDO1 monoclonal antibody (M03), clone 4A6.

Lane 1: IDO1 transfected lysate(46.345 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant IDO1.

Immunogen

IDO1 (AAH27882, 1 a.a. ~ 403 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MAHAMENSWTISKEYHIDEEVGFALPNPQENLPDFYNDWMFIAKHLPDLIESGQLRERVEKLNML
SIDHLTDHKSQRLARLVLCITMAYVWGKGHGDVRKVLPRNIAPVYCQLSKKLELPPILVYADCVL
ANWKKKDPNKPLTYENMDVLF SFRDGDCKSGFFLVSLLEIAAASAIKVIPTVFKAMQMQRDTL
LKALLEIASCLEKALQVFHQIHDHVNPKAFFSVLRMLSGWKGNPQLSDGLVYEGFWEDPKKEFAG
GSAGQSSVFQCFDVLGQQTAGGGHAAQFLQDMRRYMPPAHRNFLCSLESNPSVREFVLSKG
DAGLREAYDACVKALVSLRSYHLQIVTKYLIPASQQPKENKTSEDPSKLEAKGTGGTDLMNFKT
VRSTTEKSLLKEG

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

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[Protocol Download](#)

- ELISA

Gene Info — IDO1

Entrez GeneID [3620](#)

GeneBank Accession# [BC027882](#)

Protein Accession# [AAH27882](#)

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](#)