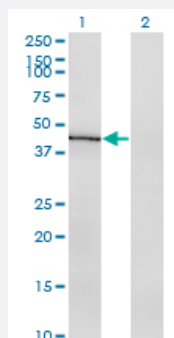


IDO1 monoclonal antibody (M16), clone 1C1

Catalog # H00003620-M16

Size 100 ug

Applications

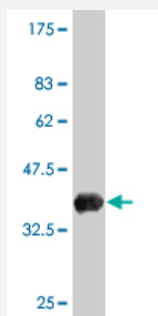


Western Blot (Transfected lysate)

Western Blot analysis of IDO1 expression in transfected 293T cell line by IDO1 monoclonal antibody (M16), clone 1C1.

Lane 1: IDO1 transfected lysate(45.3 KDa).

Lane 2: Non-transfected lysate.



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

RNFLCSLESNPSVREFVL SKGDAGLREAYDACVKALVSLRSYHLQIVTKYLIPASQQPKENKTSE
DPSKLEAKGTGGTDL MNFLKTVRSTTEKSLLKEG

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 (Transfected lysate)

Western Blot analysis of IDO1 expression in transfected 293T cell line by IDO1 monoclonal antibody (M16), clone 1C1.

Lane 1: IDO1 transfected lysate(45.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- 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](#)