

Datasheet

IDO1 monoclonal antibody (M01A), clone 3D12-C6

Catalog Number: H00003620-M01A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant IDO1.

Clone Name: 3D12-C6

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:

MAHAMENSWTISKEYHIDEEVGFALPNPQENLPDFYN
DWMFIAKHLPDLIESGQLRERVEKLNMLSIDHLTDHKS
QRLARLVLCITMAYVWGKGHGDVRKVLPRNIAVPYC
QLSKKLELPILVYADCVLNWKKKDPNKPLTYENMDV
LFSFRDGDGCSKGFFLVSLLEIAAASAIKVIPTVFKAMQ
MQERDTLLKALLEIASCLEKALQVFHQIHDHVNPKAFF
SVLRIYLSGWKGNPQLSDGLVYEGFWEDPKKEFAGGS
AGQSSVFQCFDVLLGIQQTAGGGHAAQFLQDMRRYM
PPAHRNFLCSLESNPSVREFVLKSGDAGLREAYDACV
KALVSLRSYHLQIVTKYILIPASQQPKENKTSEDPSKLE
AKGTGGTDLNMLKTVRSTTEKSLLKEG

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications
information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In ascites fluid

Storage Instruction: Store at -20°C or lower. Aliquot to
avoid repeated freezing and thawing.

Entrez GeneID: 3620

Gene Symbol: IDO1

Gene Alias: CD107B, IDO, INDO

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]