IDO1 rabbit monoclonal antibody

Catalog #　H00003620-K　　　Size　100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human IDO1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human IDO1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human IDO1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — IDO1

Entrez GeneID	3620
GeneBank Accession#	IDO1
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