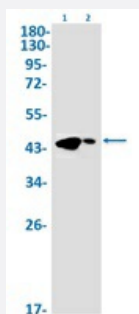


RecomAb™

IDO1 recombinant monoclonal antibody, clone R03-5D4

Catalog # RAB02173 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: human placenta and Lane 2: SKOV-3 lysates with IDO1 recombinant monoclonal antibody, clone R03-5D4 (Cat # RAB02173).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human IDO1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human IDO1.
Theoretical MW (kDa)	Calculated MW: 45 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: human placenta and Lane 2: SKOV-3 lysates with IDO1 recombinant monoclonal antibody, clone R03-5D4 (Cat # RAB02173).

- Immunohistochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — IDO1

Entrez GeneID	3620
Protein Accession#	P14902
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](#)