

Rev03
Update: Aug,08,2025**DATASHEET**

IDO 1 Antibody, mAb, Rabbit

Cat. No.: A03774

Overview

Specificity	This product is specific to IDO 1
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human IDO 1
Species Reactivity	Human
Conjugate	Unconjugated

Applications

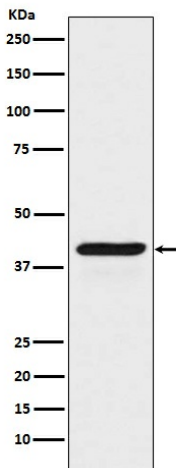
Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
Western Blot	1:1000-1:2000
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:50-1:200

Properties

Form	Liquid
Storage Buffer	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
Purification	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal

Examples



Western blot analysis of INDO expression in HeLa cell lysate treated with IFN gamma.

Background

Target Background : Catalyzes the first and rate limiting step of the catabolism of the essential amino acid tryptophan along the kynurenine pathway. Involved in the peripheral immune tolerance, contributing to maintain homeostasis by preventing autoimmunity or immunopathology that would result from uncontrolled and overreacting immune responses.

Synonyms : 3-dioxygenase; IDO 1; IDO; IDO1; INDO; indolamine 2,3 dioxygenase; Indole 2 3 dioxygenase;

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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