

Datasheet for ABIN1169197 **anti-IDO1 antibody**

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1 Image

Overview

Quantity:	100 µg
Target:	IDO1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant human IDO.
Clone:	ID 177
Isotype:	IgG1
Specificity:	Recognizes human IDO. Detects a band of ~45 kDa by Western blot.
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not tested.
Sterility:	0.2 µm filtered

Target Details

Target:	IDO1
Alternative Name:	IDO (IDO1 Products)
Background:	IDO catalyzes the first and rate-limiting step in the main pathway of human tryptophan

Target Details

catabolism, the kynurenine pathway. Proinflammatory mediators, such as endotoxin and IFN- γ induce the expression of IDO in several tissues. IDO-dependent suppression of T-cell responses might function as natural immunoregulatory mechanism. Physiological IDO activity has been implicated in T-cell tolerance to tumors, dysfunctional selftolerance in non-obese diabetic (NOD) mice, and as a protective negative regulator in autoimmune disorders.

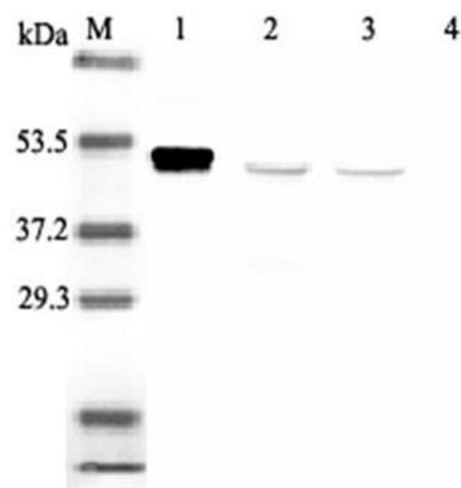
UniProt:	P14902
Pathways:	Activated T Cell Proliferation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2 μ m-filtered solution in PBS, pH 7.4. Contains no preservatives.
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 1 year after receipt when stored at -20°C.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis using anti-IDO (human), mAb (ID 177) at 1:2'000 dilution. 1: Recombinant human IDO (His-tagged). 2: PHA-treated human peripheral blood lymphocyte lysate. 3: Con A-treated human peripheral blood lymphocyte lysate. 4: Human peripheral blood lymphocyte lysate.