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anti-IDO1 antibody





Publications



Go to Product page

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Quantity:	100 μg
Target:	ID01
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Recombinant mouse IDO

Immunogen:	Recombinant mouse IDO.
Specificity:	Recognizes mouse IDO. Detects a band of ~45 kDa by Western blot.
Cross-Reactivity:	Mouse (Murine)
Sterility:	0.2 µm filtered

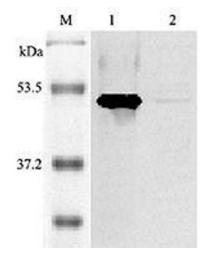
Target Details

Target:	ID01
Alternative Name:	IDO (IDO1 Products)
Background:	IDO catalyzes the first and rate-limiting step in the main pathway of human tryptophan catabolism, the kynurenine pathway. Proinflammatory mediators, such as endotoxin and IFN-gamma 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

Target Details

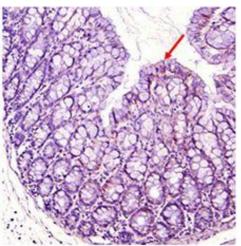
Target Details		
	diabetic (NOD) mice, and as a protective negative regulator in autoimmune disorders.	
UniProt:	P28776	
Pathways:	Activated T Cell Proliferation	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	0.2µm-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 6 months after receipt when stored at -20°C.	
Expiry Date:	6 months	
Publications		
Product cited in:	Sobolik-Delmaire, Reddy, Pashaj, Roberts, Wahl: "Plakophilin-1 localizes to the nucleus and	
	interacts with single-stranded DNA." in: The Journal of investigative dermatology , Vol. 130,	
	11 250 11 (2012) (5 111)	

Issue 11, pp. 2638-46, (2010) (PubMed).



Western Blotting

Image 1. Western blot analysis of mouse IDO using anti-IDO (mouse), pAb at 1:2,000 dilution. 1. Recombinant mouse IDO (His-tagged). 2. Con-A treated mouse peripheral blood lymphocyte lysate.



Immunohistochemistry

Image 2. Immunohistochemical staining of mouse gut using anti-IDO (mouse), pAb . Colorization by ABS Reagent (Vectastain) and counterstaining with hematoxylin.