# antibodies -online.com





## anti-IDO1 antibody (C-Term)

2 Images



Publication



Go to Product page

Overview	
Quantity:	400 μL
Target:	ID01
Binding Specificity:	AA 374-403, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This INDO antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 374-403 amino acids from the C-terminal region of human INDO.
Clone:	RB15061
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	ID01
Alternative Name:	INDO (IDO1 Products)

#### **Target Details**

Background:	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]
Molecular Weight:	45326
Gene ID:	3620
NCBI Accession:	NP_002155
UniProt:	P14902
Pathways:	Activated T Cell Proliferation
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C

#### **Publications**

Expiry Date:

Storage Comment:

Product cited in:

Curioni-Fontecedro, Knights, Tinguely, Nuber, Schneider, Thomson, von Boehmer, Bossart, Pahlich, Gehring, Moch, Renner, Knuth, Zippelius: "MAGE-C1/CT7 is the dominant cancer-testis antigen targeted by humoral immune responses in patients with multiple myeloma." in:

Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

aliquots to prevent freeze-thaw cycles.

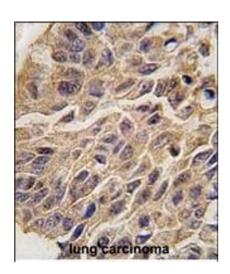
6 months

Leukemia, Vol. 22, Issue 8, pp. 1646-8, (2008) (PubMed).

Dubovsky, Albertini, McNeel: "MAD-CT-2 identified as a novel melanoma cancer-testis antigen using phage immunoblot analysis." in: **Journal of immunotherapy (Hagerstown, Md.: 1997)**, Vol. 30, Issue 7, pp. 675-83, (2007) (PubMed).

Kondo, Zhu, Asa, Ezzat: "The cancer/testis antigen melanoma-associated antigen-A3/A6 is a novel target of fibroblast growth factor receptor 2-IIIb through histone H3 modifications in thyroid cancer." in: Clinical cancer research: an official journal of the American Association for Cancer Research, Vol. 13, Issue 16, pp. 4713-20, (2007) (PubMed).

#### **Images**



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with INDO antibody (C-term) (ABIN389194 and ABIN2839357), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

# 130 72 55 - ◀ 36 28

#### **Western Blotting**

**Image 2.** Western blot analysis of anti-INDO Antibody (Cterm) (ABIN389194 and ABIN2839357) in 293 cell line lysates (35  $\mu$ g/lane). INDO(arrow) was detected using the purified Pab.