

## Product datasheet for **UM570109**

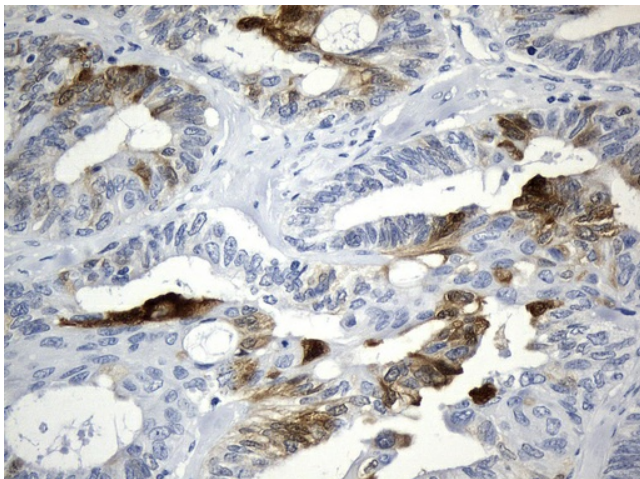
### IDO1 Mouse Monoclonal Antibody [Clone ID: UMAB251]

#### Product data:

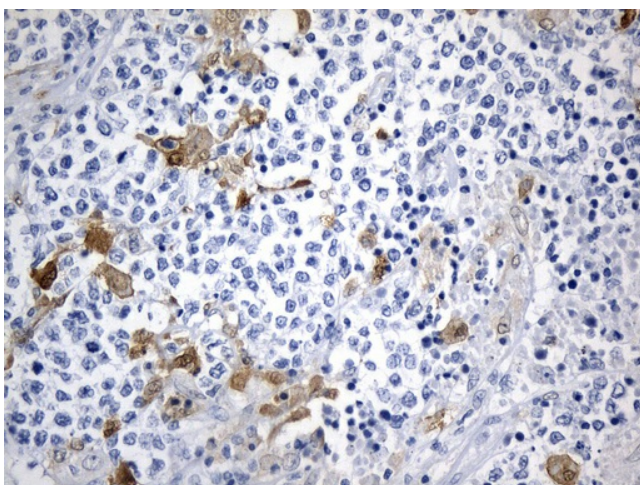
Product Type:	Primary Antibodies
Clone Name:	UMAB251
Applications:	10k-ChIP, IF, IHC, WB
Recommended Dilution:	WB 1:500~4000, IHC 1:100~600, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human IDO1(NP_002155) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5~1.0 mg/ml (Lot Dependent)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45.1 kDa
Gene Name:	indoleamine 2,3-dioxygenase 1
Database Link:	<a href="#">NP_002155</a> <a href="#">Entrez Gene 3620 Human</a> <a href="#">P14902</a>
Synonyms:	IDO; IDO-1; INDO
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Tryptophan metabolism



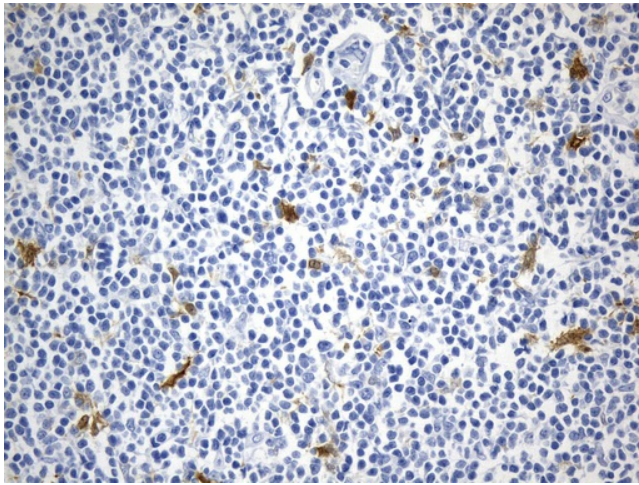
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**Product images:**

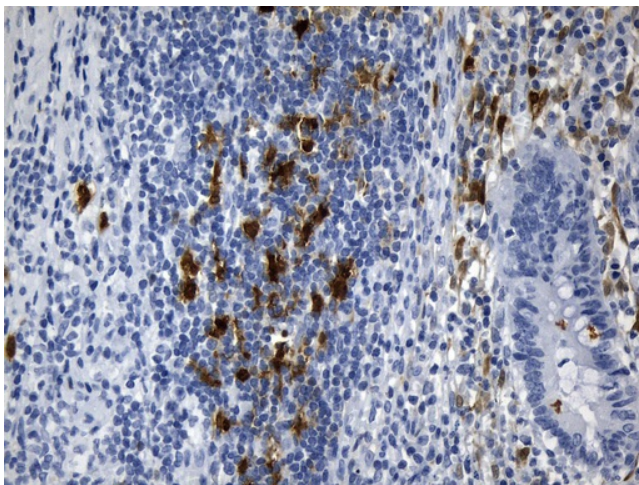
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500109]) (1:600)



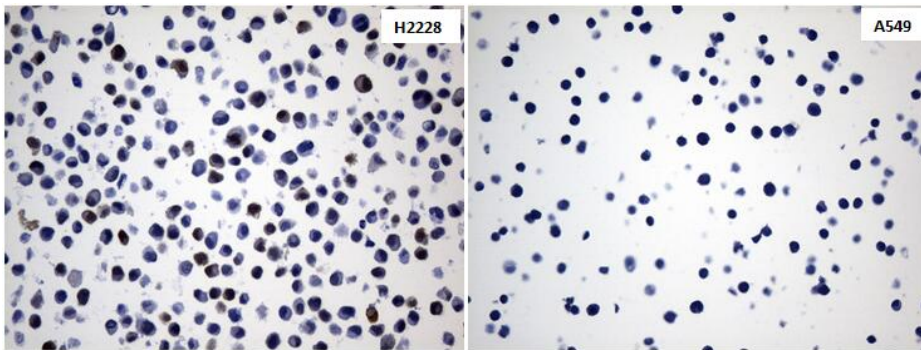
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500109]) (1:600)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500109]) (1:600)

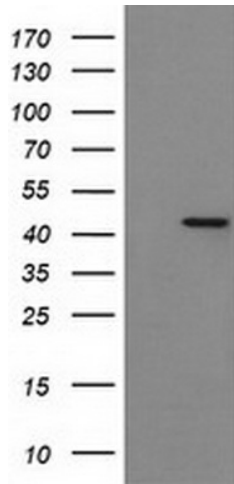


Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500109]) (1:600)

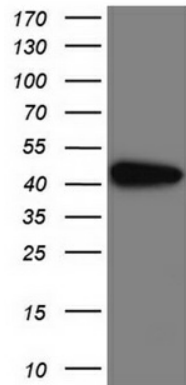


Immunohistochemical staining of paraffin-embedded cell pellets (The left is H2228 and the right is A549) using anti-IDO1 Mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500109]) (1:600).

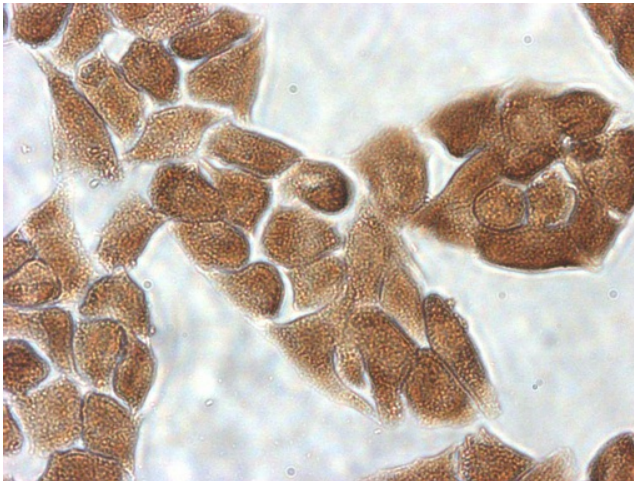




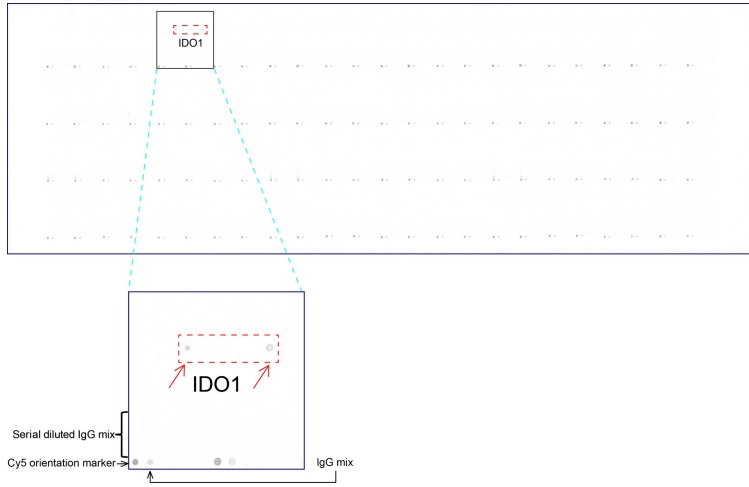
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IDO1 ([RC206592], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IDO1 (1:4000).



Western blot analysis of extracts (10ug) from H2228 cell line by using anti-IDO1 monoclonal antibody (1:500).



Immunocytochemistry staining of H2228 cells using anti-IDO1 mouse monoclonal antibody ([UM500109]) (1:100).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-IDO1 mouse monoclonal antibody ([UM500109]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification (1:100).