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Product datasheet for UM500109

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:	NP_002155 Entrez Gene 3620 Human P14902
Synonyms:	IDO; IDO-1; INDO
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Tryptophan metabolism

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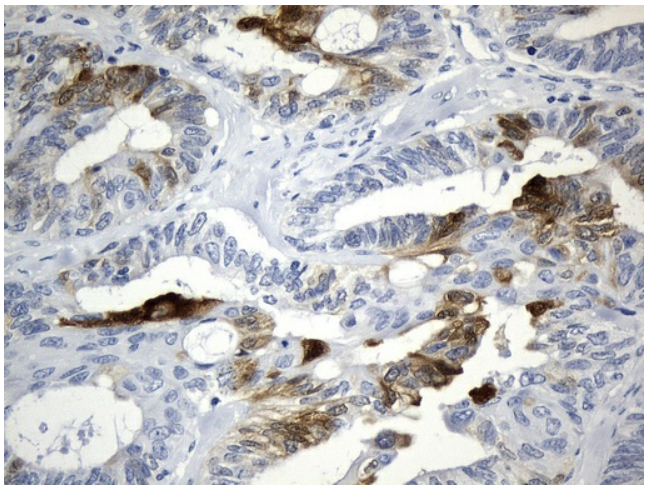
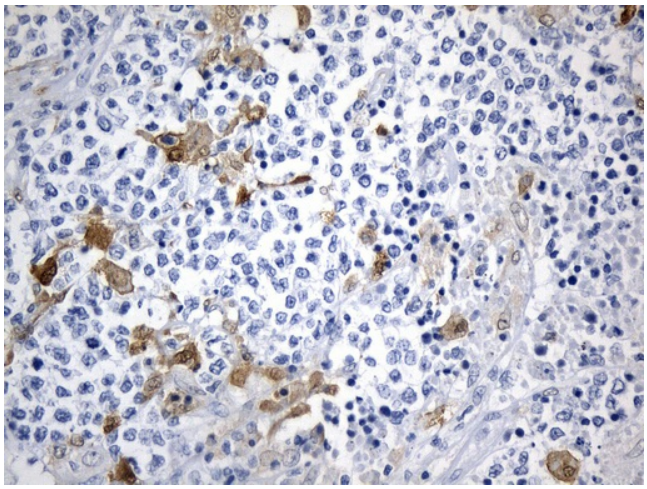
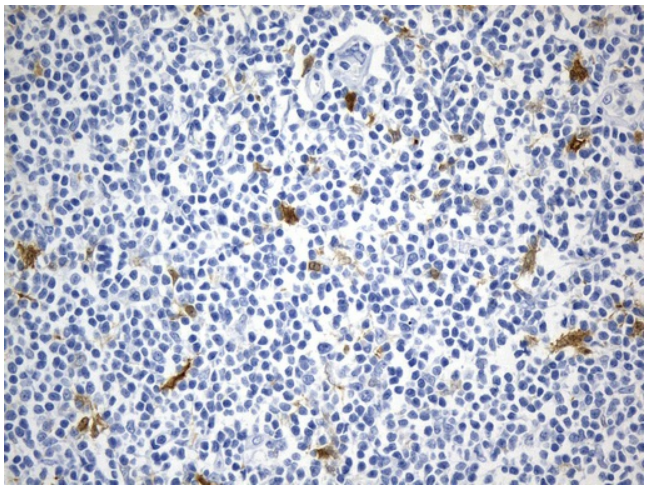
Product images:



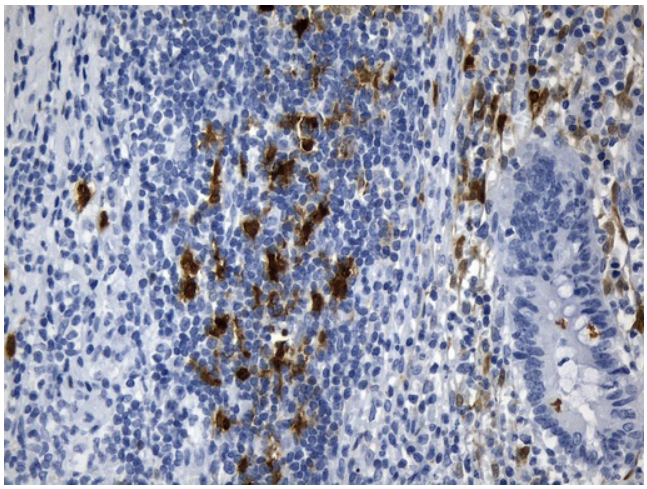
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM500109) (1:600)



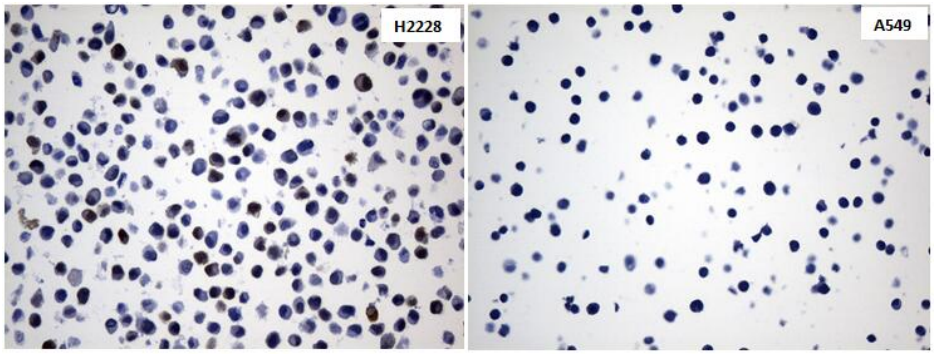
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM500109) (1:600)



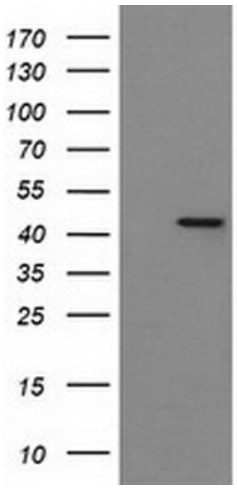
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM500109) (1:600)



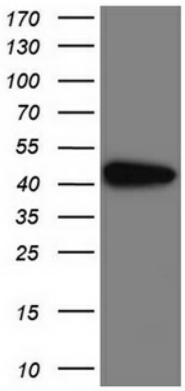
Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM500109) (1:600)



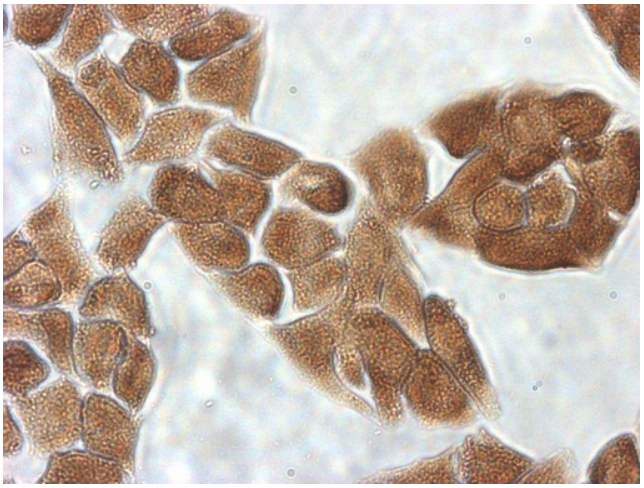
Immunohistochemical staining of paraffin-embedded cell pellets (The left is H2228 and the right is A549) using anti-IDO1 Mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, UM500109) (1:600).



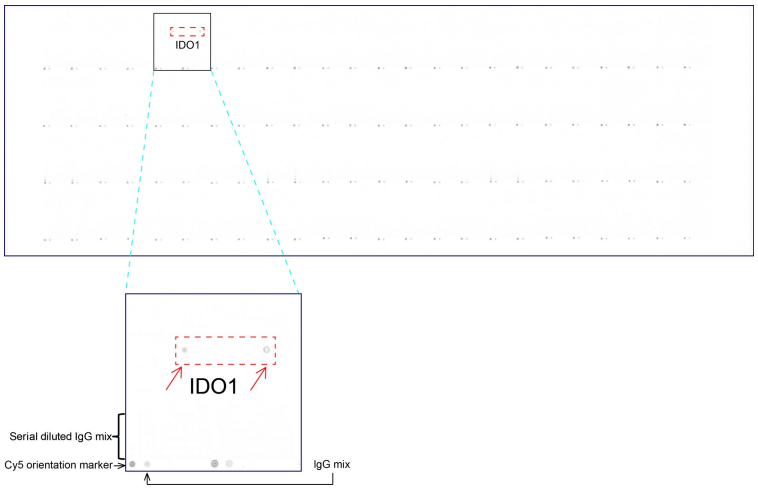
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IDO1 ([RC206592], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IDO1 (1:4000).



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).