OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for UM500110CF

IDO1 Mouse Monoclonal Antibody [Clone ID: UMAB252]

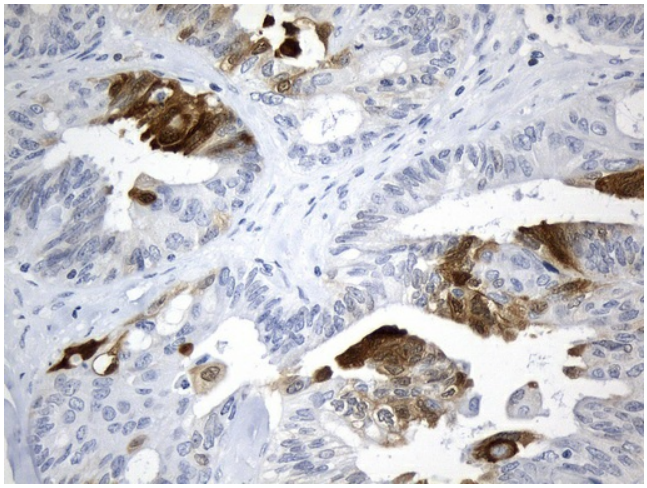
Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB252
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:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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

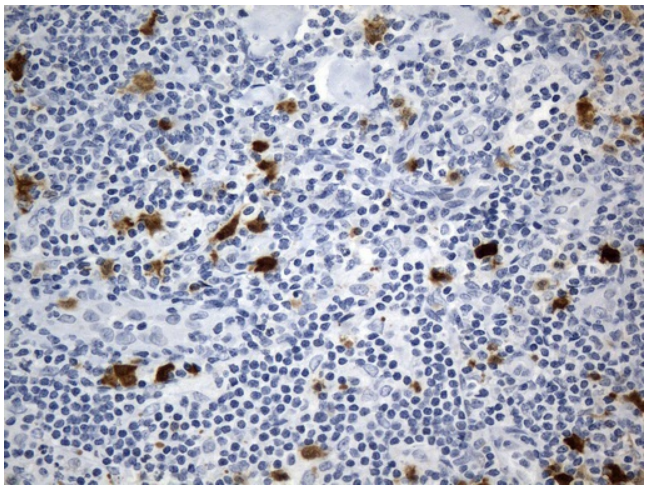
View online »

Protein Pathways: Metabolic pathways, Tryptophan metabolism

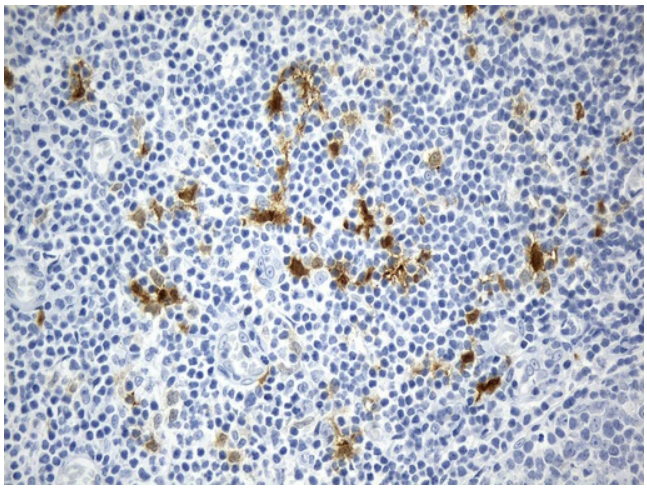
Product images:



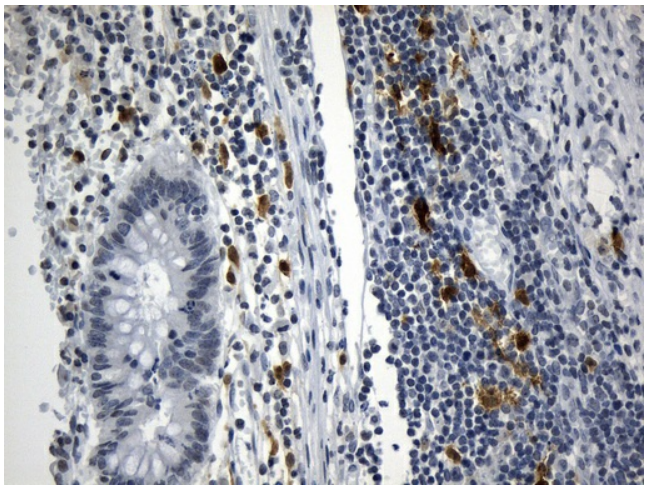
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500110]) (1:600)



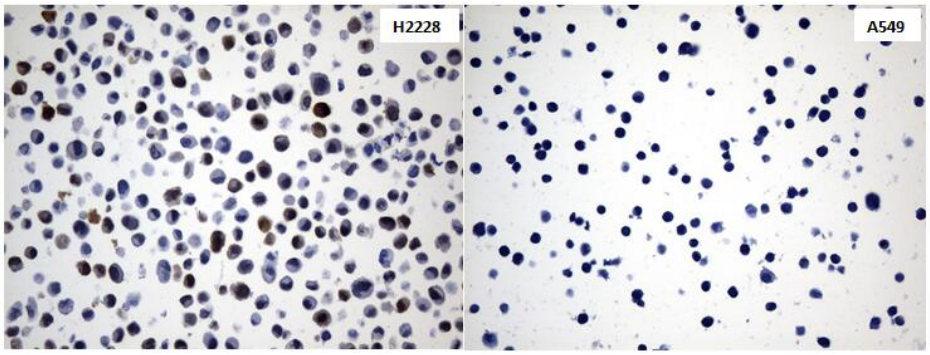
Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500110]) (1:600)



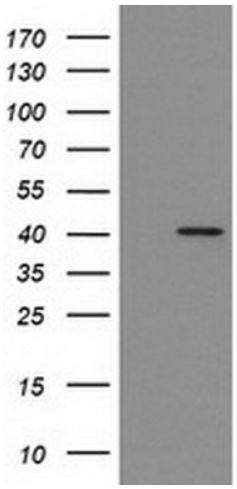
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500110]) (1:600)



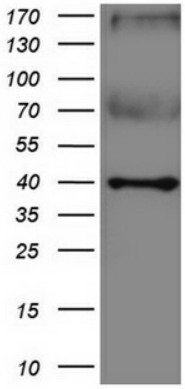
Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-IDO1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500110]) (1:600)



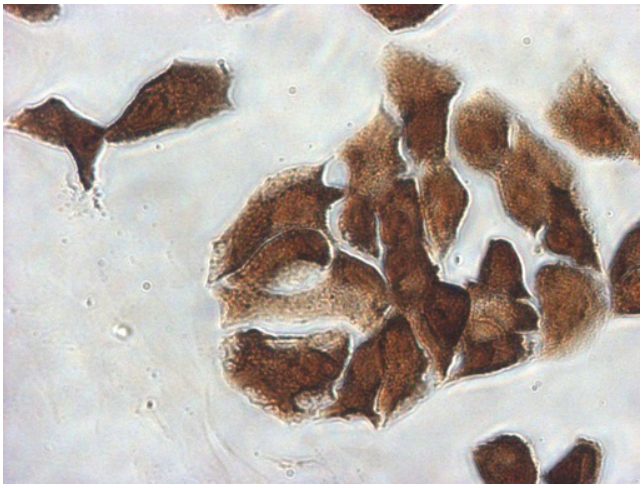
Immunohistochemical staining of paraffin-embedded cell pellets (The left is H2228 and the right is A549) using anti-IDO1 Mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM500110]) (1:600).



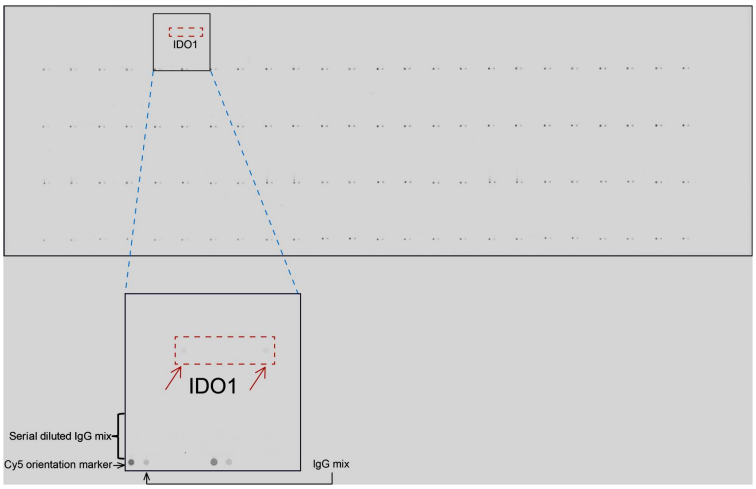
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IDO1 ([RC206592], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IDO1 (1:4000).



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 ([UM500110]) (1:100).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-IDO1 mouse monoclonal antibody ([UM500110]). 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. (1:150) (1:100)