

For Research Use Only

IDO1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84063-3-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84063-3-PBS	BC027882	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	3620	241110F2
Source:	UNIPROT ID:	
Rabbit	P14902	
Isotype:	Full Name:	
IgG	indoleamine 2,3-dioxygenase 1	
Immunogen Catalog Number:	Calculated MW:	
AG3953	403 aa, 45 kDa	
	Observed MW:	
	42 kDa	

Applications

Tested Applications:
WB, IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

IDO1 is the target for therapy in a range of clinical settings, including cancer, chronic infections, autoimmune and allergic syndromes, and transplantation. Elevated IDO1 expression is a hallmark of major viral infections including HIV, HBV, HCV or influenza and also of major bacteria infections, such as Tb, CAP, listeriosis and sepsis. Pathogens are able to hijack the immunosuppressive effects of IDO1 and make use of them to facilitate their own life cycle. MW of IDO1 is 40-42kd (PMID: 14502282; 17055065).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

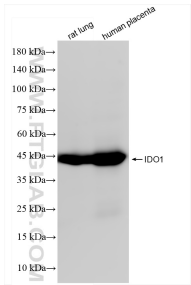
T: 4006900926

E: Proteintech-CN@ptglab.com

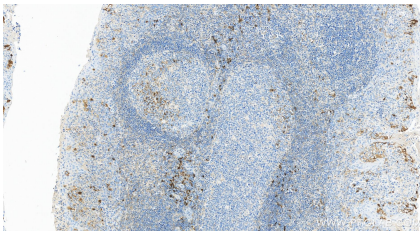
W: ptgcn.com

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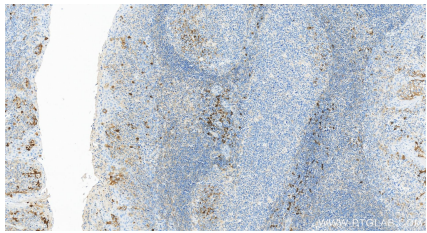
Selected Validation Data



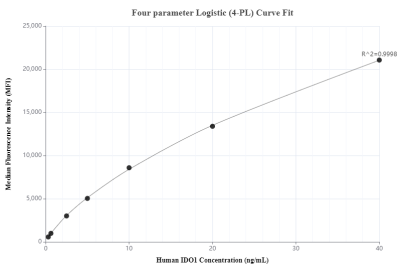
Various lysates were subjected to SDS PAGE followed by western blot with 84063-3-RR (IDO 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84063-3-PBS in a different storage buffer formulation.



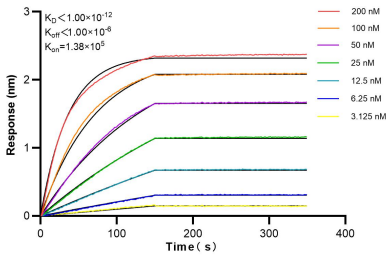
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84063-3-RR (IDO 1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84063-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84063-3-RR (IDO 1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84063-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00982-2, IDO1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84063-1-PBS. Detection antibody: 84063-3-PBS. Standard: Ag3953. Range: 0.313-40 ng/mL



Biolayer interferometry (BLI) kinetic assays of 84063-3-RR against Human IDO1 were performed. The affinity constant is below 1 pM.