

For Research Use Only

IDO1 Monoclonal antibody, PBS Only

Catalog Number: 66528-1-PBS



Basic Information

Catalog Number:	66528-1-PBS	GenBank Accession Number:	BC027882	Purification Method:	Protein A purification
Size:	1000 ug/ml	GeneID (NCBI):	3620	CloneNo.:	3G2G11
Source:	Mouse	UNIPROT ID:	P14902		
Isotype:	IgG1	Full Name:	indoleamine 2,3-dioxygenase 1		
Immunogen Catalog Number:	AG3953	Calculated MW:	403 aa, 45 kDa		
		Observed MW:	42 kDa		

Applications

Tested Applications:
WB, IHC, IF/ICC, 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:

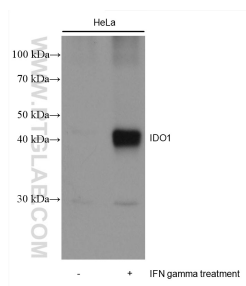
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

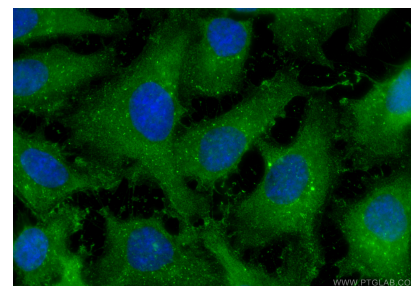
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66528-1-Ig (IDO1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66528-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66528-1-Ig (IDO1 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66528-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SKOV-3 cells using IDO1 antibody (66528-1-Ig, Clone: 3G2G11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 66528-1-PBS in a different storage buffer formulation.