

For Research Use Only

CoraLite® Plus 488-conjugated IDO1 Monoclonal antibody

Catalog Number: CL488-66528



Basic Information

Catalog Number: CL488-66528	GenBank Accession Number: BC027882	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3620	CloneNo.: 3G2G11
Source: Mouse	UNIPROT ID: P14902	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Full Name: indoleamine 2,3-dioxygenase 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG3953	Calculated MW: 403 aa, 45 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : IFN gamma treated HeLa cells,
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).

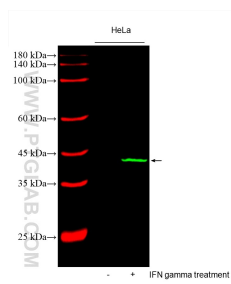
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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 CL488-66528 (IDO1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.