

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 µg/ml by Nanodrop;	GeneID (NCBI): 3620	CloneNo.: 3G2G11
Source: Mouse	Full Name: indoleamine 2,3-dioxygenase 1	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Calculated MW: 403 aa, 45 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG3953	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

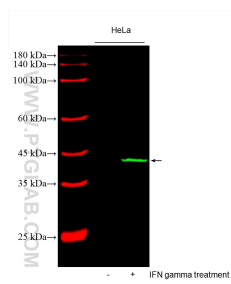
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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.