

For Research Use Only

CoraLite® Plus 488-conjugated IMPDH2 Monoclonal antibody



Catalog Number:CL488-67663

Basic Information

Catalog Number: CL488-67663	GenBank Accession Number: BC012840	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3615	CloneNo.: 1B1G8
Source: Mouse	Full Name: IMP (inosine monophosphate) dehydrogenase 2	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 514 aa, 56 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG17170	Observed MW: 56 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : A549 cells,
Species Specificity: Human, mouse, rat	

Background Information

IMPDH2, also named as IMPD2, belongs to the IMPDH/GMPR family. It is a rate limiting enzyme in the de novo synthesis of guanine nucleotides and therefore is involved in the regulation of cell growth. It may also have a role in the development of malignancy and the growth progression of some tumors. IMPDH2 is a key enzyme in the purine nucleotide biosynthetic pathway and constitutes a pivotal biological target for immunosuppressant and antiviral drugs. (PMID:21181270)

Storage

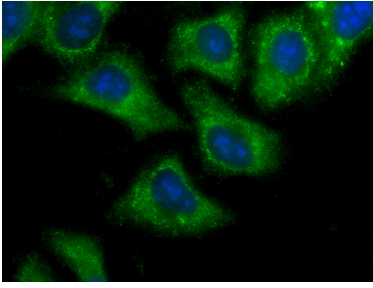
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using CoraLite® Plus 488 IMPDH2 antibody (CL488-67663, Clone: 1B1G8) at dilution of 1:100.