

For Research Use Only



CoraLite® Plus 488-conjugated AMPD2 Monoclonal antibody

Catalog Number: **CL488-67430**

Basic Information

Catalog Number: CL488-67430	GenBank Accession Number: BC007711	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 271	CloneNo.: 2C4C1
Source: Mouse	UNIPROT ID: Q01433	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2b	Full Name: adenosine monophosphate deaminase 2 (isoform L)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8433	Calculated MW: 879aa,101 kDa; 798aa,92 kDa	
	Observed MW: 101 kDa	

Applications

Tested Applications: IF	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human, Mouse, Rat	

Background Information

Adenosine monophosphate deaminase (AMPD) catalyzes the deamination of AMP to IMP and plays an important role in the purine nucleotide cycle. Three AMPDs are present in mammals named AMPD1/2/3. AMPD2 is the main activity present in adult human liver and is widely expressed in non-muscle tissues and cells (PMID: 8526848). AMPD2 has some isoforms with the molecular mass of 88-101 kDa.

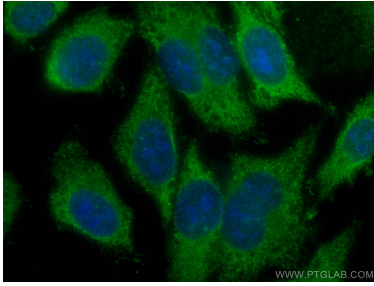
Storage

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
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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



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 AMPD2 antibody (CL488-67430, Clone: 2C4C1) at dilution of 1:200.