

For Research Use Only

CoraLite® Plus 488-conjugated AGXT Recombinant antibody

Catalog Number: CL488-83385-6



Basic Information

Catalog Number: CL488-83385-6	GenBank Accession Number: BC132819	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 189	CloneNo.: 240305E7
Source: Rabbit	UNIPROT ID: P21549	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: alanine-glyoxylate aminotransferase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG18062	Calculated MW: 392 aa, 43 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

Background Information

AGXT (AGT) is a key enzyme in glyoxylate detoxification. Mutations of AGXT lead to primary hyperoxaluria type I, a rare metabolic disease which is characterized by deficient AGXT, excessive hepatic oxalate production that leads to renal failure.

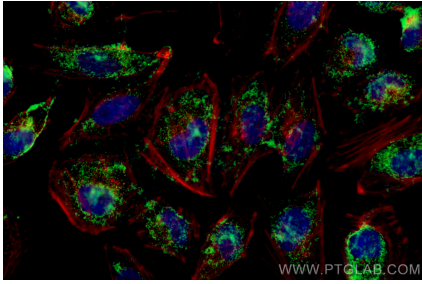
Storage

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



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 AGXT antibody (CL488-83385-6, Clone: 240305E7) at dilution of 1:200.