

For Research Use Only

CoraLite® Plus 488-conjugated FH Monoclonal antibody



Catalog Number: CL488-68162

Basic Information

Catalog Number: CL488-68162	GenBank Accession Number: BC003108	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2271	CloneNo.: 1A9C8
Source: Mouse	UNIPROT ID: P07954	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Full Name: fumarate hydratase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG30254	Calculated MW: 510 aa, 55 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HeLa cells,
Species Specificity: Human, Mouse, Rat, Rabbit, Pig	

Background Information

Fumarate hydratase, or fumarase, is an enzymatic component of the tricarboxylic acid cycle, catalyzing the conversion of fumarate to malate. It belongs to the class-II fumarase/aspartase family. This protein has 2 isoforms produced by alternative initiation.

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:

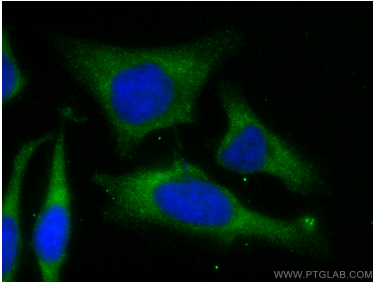
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 FH antibody (CL488-68162, Clone: 1A9C8) at dilution of 1:100.