

For Research Use Only

# CoraLite® Plus 488-conjugated FH Monoclonal antibody

Catalog Number:CL488-68162

Featured Product



## Basic Information

Catalog Number:

CL488-68162

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG30254

GenBank Accession Number:

BC003108

GeneID (NCBI):

2271

UNIPROT ID:

P07954

Full Name:

fumarate hydratase

Calculated MW:

510 aa, 55 kDa

Observed MW:

45-50 kDa

Purification Method:

Protein A purification

CloneNo.:

1A9C8

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Rat, Rabbit, Pig

Positive Controls:

IF/ICC : HeLa cells,

## 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:

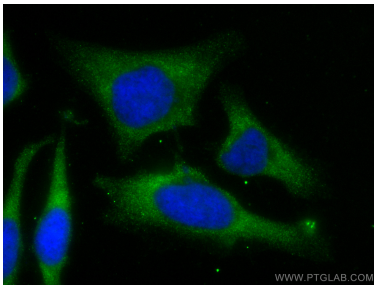
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## Selected Validation Data



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