

For Research Use Only

CoraLite®555-conjugated FAH Monoclonal antibody



Catalog Number:CL555-67986

Basic Information

Catalog Number: CL555-67986	GenBank Accession Number: BC002527	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2184	CloneNo.: 2F8E11
Source: Mouse	Full Name: fumarylacetoacetate hydrolase (fumarylacetoacetase)	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 46 kDa	Excitation/Emission maxima wavelengths: 555 nm / 570 nm
Immunogen Catalog Number: AG6704	Observed MW: 40-45 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells,
Species Specificity: Human, pig, rat, mouse	

Background Information

FAH is also named as FAA(fumarylacetoacetase), the last enzyme in tyrosine degradation, functionally important in the liver and kidney(PMID:8473520). FAH is a metabolic enzyme catalyzing the last step of tyrosine and phenylalanine catabolism: the hydrolysis of fumarylacetoacetate into acetoacetate and fumarate. In humans, deficiency of this activity is associated with the metabolic disease hereditary tyrosinaemia type I, which is also known as hepatorenal tyrosinaemia(PMID:17768357).

Storage

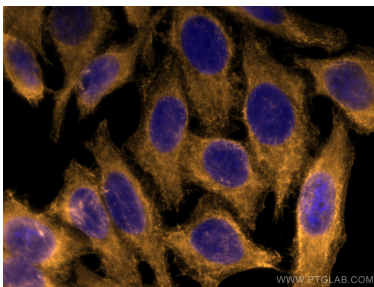
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 Methanol) fixed HepG2 cells using CoraLite®555 FAH antibody (CL555-67986, Clone: 2F8E11) at dilution of 1:200.