

For Research Use Only

FAH Monoclonal antibody

Catalog Number: 67986-1-Ig



Basic Information

Catalog Number: 67986-1-Ig	GenBank Accession Number: BC002527	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2184	CloneNo.: 2F8E11
Source: Mouse	Full Name: fumarylacetoacetate hydrolase (fumarylacetoacetase)	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG1	Calculated MW: 46 kDa	
Immunogen Catalog Number: AG6704	Observed MW: 40-45 kDa	

Applications

Tested Applications:

IF, WB, ELISA

Species Specificity:

Human, pig, rat, mouse

Positive Controls:

WB : LNCaP cells, pig liver tissue, rat liver tissue, mouse liver tissue, HepG2 cells, Jurkat cells, K-562 cells

IF : HepG2 cells,

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.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

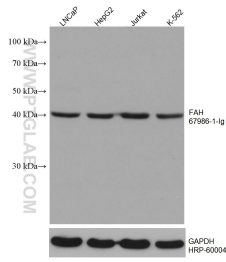
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

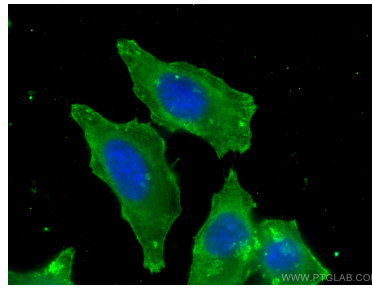
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67986-1-Ig (FAH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using FAH antibody (67986-1-Ig, Clone: 2F8E11) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).