

For Research Use Only

# FAH Monoclonal antibody, PBS Only

Catalog Number: 67986-1-PBS



## Basic Information

<b>Catalog Number:</b> 67986-1-PBS	<b>GenBank Accession Number:</b> BC002527	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2184	<b>CloneNo.:</b> 2F8E11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P16930	
<b>Isotype:</b> IgG1	<b>Full Name:</b> fumarylacetoacetate hydrolase (fumarylacetoacetase)	
<b>Immunogen Catalog Number:</b> AG6704	<b>Calculated MW:</b> 46 kDa	
	<b>Observed MW:</b> 40-45 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat, pig

## 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

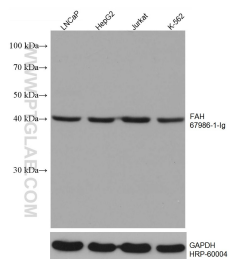
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

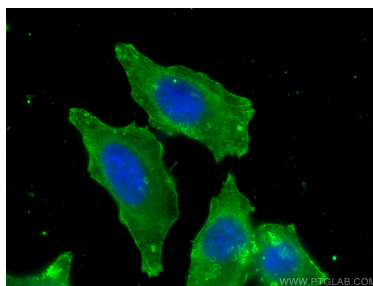
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

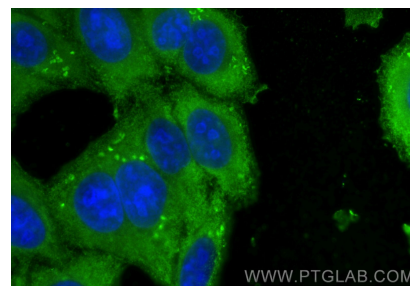
## Selected Validation Data



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. This data was developed using the same antibody clone with 67986-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67986-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using FAH antibody (67986-1-Ig, Clone: 2F8E11 ) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). This data was developed using the same antibody clone with 67986-1-PBS in a different storage buffer formulation.