

FAH Monoclonal antibody

Catalog Number: 67986-1-Ig

Basic Information

Catalog Number:

67986-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6704

GenBank Accession Number:

BC002527

GeneID (NCBI):

2184

UNIPROT ID:

P16930

Full Name:

fumarylacetoacetate hydrolase
(fumarylacetoacetase)

Calculated MW:

46 kDa

Observed MW:

40-45 kDa

Purification Method:

Protein A purification

CloneNo.:

2F8E11

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

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

IF/ICC : 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:

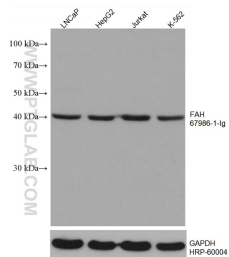
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

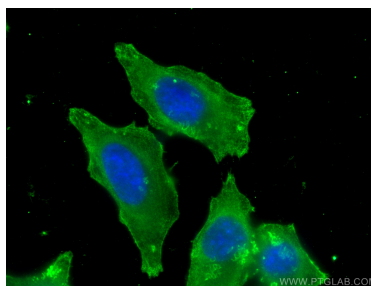
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

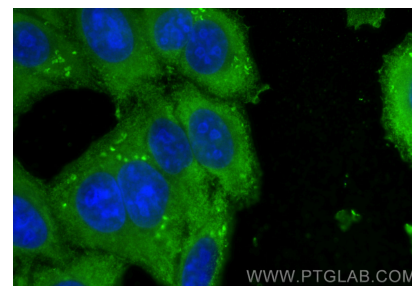
Selected Validation Data



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).



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).