

# CoraLite®555-conjugated FAH Monoclonal antibody

Catalog Number: **CL555-67986**

## Basic Information

### Catalog Number:

CL555-67986

### Size:

1000 µg/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 G purification

### CloneNo.:

2F8E11

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

557 nm / 570nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

Human, pig, rat, mouse

### Positive Controls:

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:

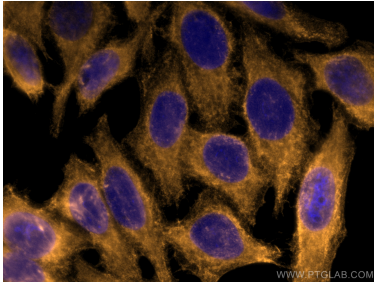
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

### Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.