

# CoraLite® Plus 488-conjugated FAAH Monoclonal antibody

Catalog Number: **CL488-67607**

## Basic Information

**Catalog Number:**

CL488-67607

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG12720

**GenBank Accession Number:**

BC093632

**GeneID (NCBI):**

2166

**UNIPROT ID:**

O00519

**Full Name:**

fatty acid amide hydrolase

**Calculated MW:**

579 aa, 63 kDa

**Observed MW:**

55-65 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

3C5B5

**Recommended Dilutions:**

IF/ICC 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

Human, rat, rabbit, pig, mouse

**Positive Controls:**

IF/ICC : LNCaP cells,

## Background Information

Fatty acid amide hydrolase (FAAH) is a membrane-bound homodimeric enzyme that in vivo controls content and biological activity of N-arachidonylethanolamine (AEA) and other relevant bioactive lipids termed endocannabinoids. (PMID: 32041998) This antibody is specific for FAAH protein.

## Storage

**Storage:**

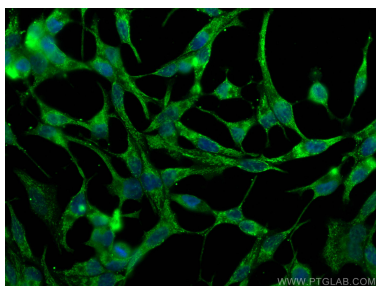
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**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 Ethanol) fixed LNCaP cells using CoraLite® Plus 488 FAAH antibody (CL488-67607, Clone: 3C5B5 ) at dilution of 1:200.