

For Research Use Only

# CoraLite® Plus 488-conjugated FAAH Monoclonal antibody



Catalog Number:CL488-67607

## Basic Information

<b>Catalog Number:</b> CL488-67607	<b>GenBank Accession Number:</b> BC093632	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2166	<b>CloneNo.:</b> 3C5B5
<b>Source:</b> Mouse	<b>Full Name:</b> fatty acid amide hydrolase	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 579 aa, 63 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG12720	<b>Observed MW:</b> 55-65 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : LNCaP cells,
<b>Species Specificity:</b> Human, rat, rabbit, pig, mouse	

## 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

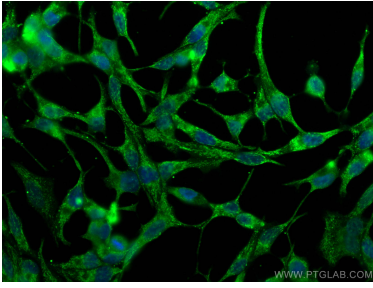
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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)  
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## 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.