

For Research Use Only

# CoraLite® Plus 488-conjugated AHCY Monoclonal antibody

Catalog Number:CL488-66019



## Basic Information

<b>Catalog Number:</b> CL488-66019	<b>GenBank Accession Number:</b> BC011606	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 191	<b>CloneNo.:</b> 1F9B10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P23526	<b>Recommended Dilutions:</b> IF/ICC 1:500-1:2000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> S-adenosylhomocysteine hydrolase	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG18036	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human	

## Background Information

AHCY, also named as SAHH, belongs to the adenosylhomocysteinase family. AHCY is a competitive inhibitor of S-adenosyl-L-methionine-dependent methyl transferase reactions; therefore AHCY may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine. AHCY catalyzes the reversible hydrolysis of S-adenosylhomocysteine to adenosine and L-homocysteine.(PMID:21220475).

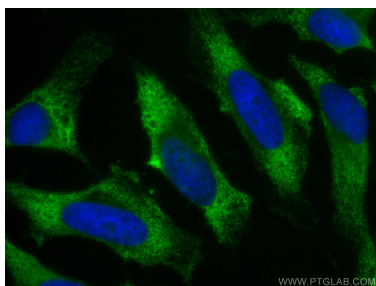
## Storage

**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**

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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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 488 AH CY antibody (CL488-66019, Clone: 1F9B10) at dilution of 1:1000.