

CoraLite® Plus 488-conjugated AHCY Monoclonal antibody

Catalog Number: **CL488-66019**

Basic Information

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

Applications

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

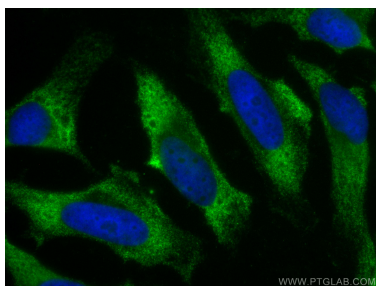
Background Information

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

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.