

For Research Use Only

AHCY Monoclonal antibody, PBS Only



Catalog Number: 66019-1-PBS

Basic Information

Catalog Number:

66019-1-PBS

Size:

100ug , Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG18036

GenBank Accession Number:

BC011606

GeneID (NCBI):

191

UNIPROT ID:

P23526

Full Name:

S-adenosylhomocysteine hydrolase

Calculated MW:

48 kDa

Observed MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

1F9B10

Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

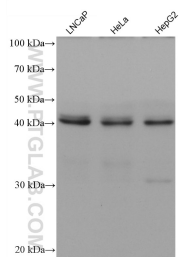
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

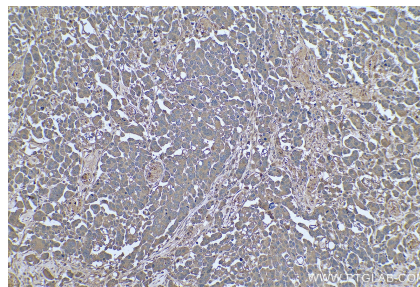
W: ptglab.com

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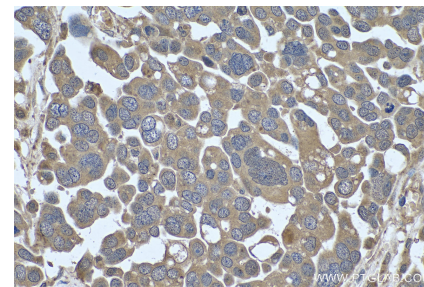
Selected Validation Data



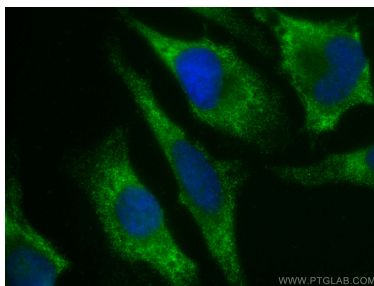
Various lysates were subjected to SDS PAGE followed by western blot with 66019-1-Ig (AHCY antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66019-1-Ig (AHCY antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66019-1-Ig (AHCY antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AHCY antibody (66019-1-Ig, Clone: 1F9B10) at dilution of 1:4000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66019-1-PBS in a different storage buffer formulation.