

For Research Use Only

# CoraLite® Plus 488-conjugated HINT1 Monoclonal antibody



Catalog Number: **CL488-67583**

## Basic Information

<b>Catalog Number:</b> CL488-67583	<b>GenBank Accession Number:</b> BC007090	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3094	<b>CloneNo.:</b> 1G3E4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P49773	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Full Name:</b> histidine triad nucleotide binding protein 1	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG16662	<b>Calculated MW:</b> 14 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

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

## Background Information

HINT1(Histidine triad nucleotide-binding protein 1) is also named as HINT, PKCI1, PRKCNH1, which is a member of the histidine triad (HIT) family, highly conserved in diverse species and ubiquitously expressed in mammalian tissues. It hydrolyzes adenosine 5'-monophosphoramidate substrates such as AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester and AMP-NH2.

## Storage

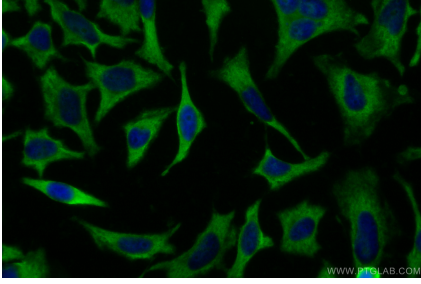
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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)  
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 HINT1 antibody (CL488-67583, Clone: 1G3E4) at dilution of 1:200.