

CoraLite® Plus 488-conjugated HINT1 Monoclonal antibody

Catalog Number: **CL488-67583**

Basic Information

Catalog Number:

CL488-67583

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG16662

GenBank Accession Number:

BC007090

GeneID (NCBI):

3094

UNIPROT ID:

P49773

Full Name:

histidine triad nucleotide binding
protein 1

Calculated MW:

14 kDa

Observed MW:

14 kDa

Purification Method:

Protein A purification

CloneNo.:

1G3E4

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF/ICC : HeLa cells,

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:

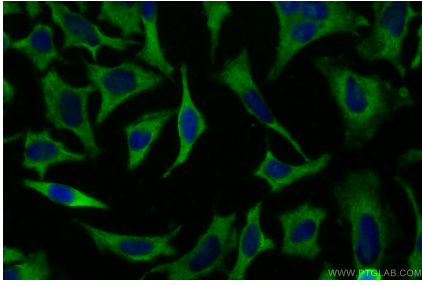
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.