

CoraLite®594-conjugated HIP1 Monoclonal antibody

Catalog Number: **CL594-67163**

Basic Information

Catalog Number:

CL594-67163

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17982

GenBank Accession Number:

BC110545

GeneID (NCBI):

3092

UNIPROT ID:

O00291

Full Name:

huntingtin interacting protein 1

Calculated MW:

1037 aa, 116 kDa

Observed MW:

110-120 kDa

Purification Method:

Protein G purification

CloneNo.:

3D3G3

Recommended Dilutions:

IF 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, pig

Positive Controls:

IF : A549 cells,

Background Information

HIP1 (huntingtin interacting protein-1) is a endocytic protein that plays a role in clathrin-mediated endocytosis and trafficking. HIP1 can interact with huntingtin (HTT) protein whose mutations cause Huntington's disease (HD), thus gets involved in neurodegeneration. By stabilizing receptor tyrosine kinases following ligand-induced endocytosis, HIP1 may act to promote cell survival. HIP1 is overexpressed in a variety of human cancers and may be a potential predictor for cancer progression and prognosis.

Storage

Storage:

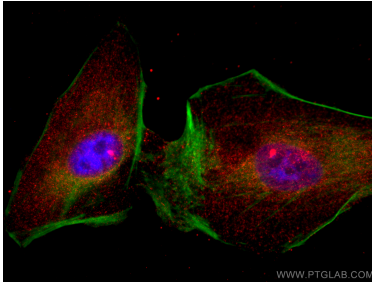
Store at -20°C. Avoid exposure to light.

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 (4% PFA) fixed A549 cells using CoraLite®594 HIP1 antibody (CL594-67163, Clone: 3D3G3) at dilution of 1:200, CL488-Phalloidin (green).