

# 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/ICC 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/ICC : 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:**

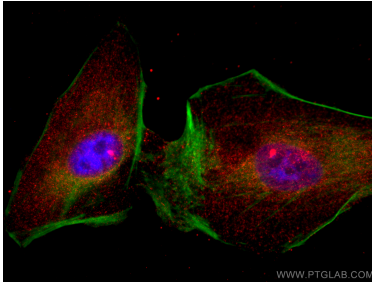
Store at -20°C. Avoid exposure to light.

**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).