

For Research Use Only

# CoraLite® Plus 488-conjugated HIP1 Monoclonal antibody



Catalog Number: CL488-67163

## Basic Information

<b>Catalog Number:</b> CL488-67163	<b>GenBank Accession Number:</b> BC110545	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 3092	<b>CloneNo.:</b> 3D3G3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O00291	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> huntingtin interacting protein 1	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG17982	<b>Calculated MW:</b> 1037 aa, 116 kDa	
	<b>Observed MW:</b> 110-120 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF : A549 cells,
<b>Species Specificity:</b> Human, mouse, pig	

## 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

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

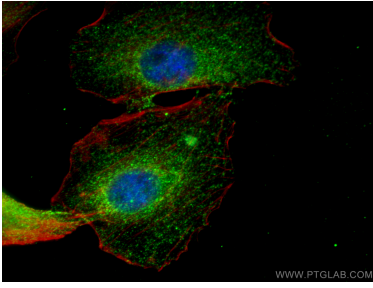
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 HIP1 antibody (CL488-67163, Clone: 3D3G3 ) at dilution of 1:200, CL594-Phalloidin (red).