

For Research Use Only

CoraLite®594-conjugated HIP1 Monoclonal antibody



Catalog Number:CL594-67163

Basic Information

Catalog Number: CL594-67163	GenBank Accession Number: BC110545	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3092	CloneNo.: 3D3G3
Source: Mouse	Full Name: huntingtin interacting protein 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 1037 aa, 116 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG17982	Observed MW: 110-120 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : A549 cells,
Species Specificity: Human, mouse, pig	

Background Information

HIP1 (huntingtin interacting protein-1) is an 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

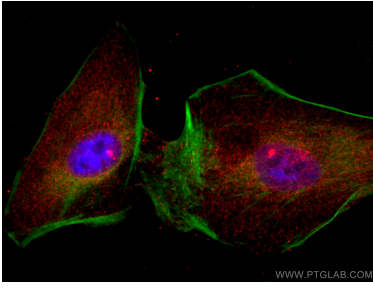
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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