

For Research Use Only

# CoraLite® Plus 488-conjugated HRD1/SYVN1 Polyclonal antibody



Catalog Number: CL488-13473

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-13473	<b>GenBank Accession Number:</b> BC030530	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84447	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> synovial apoptosis inhibitor 1, synoviolin	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 617 aa, 68 kDa	
<b>Immunogen Catalog Number:</b> AG4267	<b>Observed MW:</b> 68-76 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

HRD1 is also named as SYVN1 (Synovial apoptosis inhibitor 1), KIAA1810. It acts as an E3 ubiquitin-protein ligase which accepts ubiquitin specifically from endoplasmic reticulum-associated UBC7 E2 ligase and transfers it to substrates, promoting their degradation. Two distinct binding sites mediate Hrd1 dimerization or oligomerization, one located within the transmembrane region and another within the cytosolic domain. (PMID:19864457). Western blot analysis detected abundant HRD1 expression in liver and kidney. Mouse liver and spleen expressed Hrd1 as an 85-kD protein (PMID:12646171).

## 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

\*\*\* 20ul sizes contain 0.1% BSA

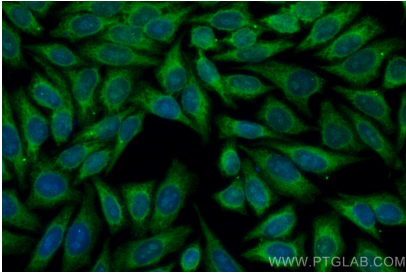
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed HepG2 cells using CoraLite® Plus 488  
HRD1/SYVN1 antibody (CL488-13473) at dilution of  
1:200.