

For Research Use Only

# CoraLite® Plus 488-conjugated YES1 Monoclonal antibody



Catalog Number: CL488-67196

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-67196	<b>GenBank Accession Number:</b> BC048960	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7525	<b>CloneNo.:</b> 1A12E7
<b>Source:</b> Mouse	<b>Full Name:</b> v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 61 kDa	
<b>Immunogen Catalog Number:</b> AG5016	<b>Observed MW:</b> 62 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, rat

## Background Information

YES1, also named as p61-Yes and YES, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. It promotes infectivity of Neisseria gonorrhoeae in epithelial cells by phosphorylating MCP/CD46. YES1 catalyzes the reaction: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.

## 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.

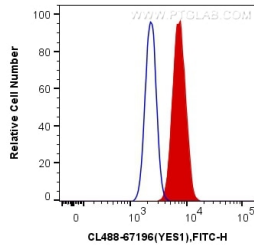
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human YES1 (CL488-67196, Clone:1A12E7) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).