

For Research Use Only

# CoraLite® Plus 488-conjugated YES1 Monoclonal antibody

Catalog Number: CL488-67196

Featured Product



## Basic Information

Catalog Number:

CL488-67196

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG5016

GenBank Accession Number:

BC048960

GeneID (NCBI):

7525

UNIPROT ID:

P07947

Full Name:

v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1

Calculated MW:

61 kDa

Observed MW:

62 kDa

Purification Method:

Protein A purification

CloneNo.:

1A12E7

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## 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:  $\text{ATP} + \text{a [protein]-L-tyrosine} = \text{ADP} + \text{a [protein]-L-tyrosine phosphate}$ .

## 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

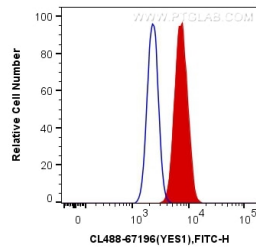
For technical support and original validation data for this product please contact:

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## 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).