

For Research Use Only

# CoraLite® Plus 488-conjugated DUSP11 Polyclonal antibody

Catalog Number: CL488-10204

Featured Product



## Basic Information

Catalog Number:

CL488-10204

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0276

GenBank Accession Number:

BC000346

GeneID (NCBI):

8446

UNIPROT ID:

O75319

Full Name:

dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)

Calculated MW:

39 kDa

Observed MW:

39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:300-1:1200

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : A431 cells, HepG2 cells

## Background Information

DUSP11, also known as PIR1, is a unique member of atypical DUSPs which could bind directly to RNA and possess RNA 5'-triphosphatase and diphosphatase activities. DUSP11 converts the 5' triphosphate of microRNA precursors to a 5' monophosphate, and regulates cellular noncoding RNAs levels. In addition to a catalysis towards RNA, more evidence showed that DUSP11 could also dephosphorylate proteins.

## 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

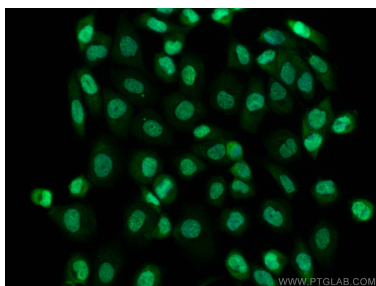
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 DUSP11 antibody (CL488-10204) at dilution of 1:600.