

# CoraLite® Plus 488-conjugated Alix Monoclonal antibody

Catalog Number: **CL488-67715**

## Basic Information

**Catalog Number:**

CL488-67715

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG30437

**GenBank Accession Number:**

BC020066

**GeneID (NCBI):**

10015

**UNIPROT ID:**

Q8WUM4

**Full Name:**

programmed cell death 6 interacting protein

**Calculated MW:**

868 aa, 96 kDa

**Observed MW:**

100 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1H9D9

**Recommended Dilutions:**

IF/ICC 1:50-1:500

**Excitation/Emission maxima wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

Human, Mouse, Rat

**Positive Controls:**

IF/ICC : HeLa cells,

## Background Information

ALG-2-interacting protein 1 (ALIX), also known as AIP1 or Hp95, is encoded by PDCD6IP gene and is involved in cell death through mechanisms involving its binding partner ALG-2 (apoptosis-linked gene-2). ALG-2 is a 22-kDa protein containing five serially repetitive EF-hand structures and is defined as a regulator of calcium-induced apoptosis following endoplasmic reticulum (ER) stress. ALIX interacts with ALG-2 through its C-terminal proline-rich region and participates in formation of multivesicular bodies. Recent finding suggest that ALIX is a critical component of caspase 9 activation and apoptosis triggered by calcium.

## Storage

**Storage:**

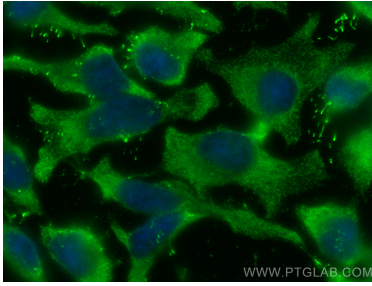
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 488 Alix antibody (CL488-67715, Clone: 1H9D9 ) at dilution of 1:200.