

For Research Use Only

# Alix Monoclonal antibody

Catalog Number: 67715-1-Ig



## Basic Information

<b>Catalog Number:</b> 67715-1-Ig	<b>GenBank Accession Number:</b> BC020066	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10015	<b>CloneNo.:</b> 1H9D9
<b>Source:</b> Mouse	<b>Full Name:</b> programmed cell death 6 interacting protein	<b>Recommended Dilutions:</b> WB 1:2000-1:20000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 868 aa, 96 kDa	
<b>Immunogen Catalog Number:</b> AG30437	<b>Observed MW:</b> 100 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, Mouse, Rat

**Positive Controls:**

**WB :** HSC-T6 cells, A431 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, PC-12 cells, NIH/3T3 cells, 4T1 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 findings suggest that ALIX is a critical component of caspase 9 activation and apoptosis triggered by calcium.

## Storage

**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

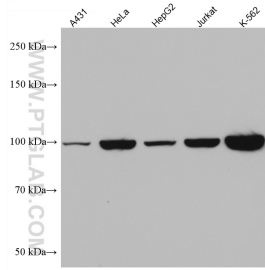
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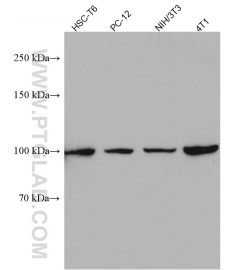
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67715-1-Ig (Alix antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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