

For Research Use Only

ALIX; AIP1 Monoclonal antibody



Catalog Number: 67715-1-Ig

Basic Information

Catalog Number: 67715-1-Ig	GenBank Accession Number: BC020066	Purification Method: Protein G purification
Size: 150UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10015	CloneNo.: 1H9D9
Source: Mouse	Full Name: programmed cell death 6 interacting protein	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 868 aa, 96 kDa	
Immunogen Catalog Number: AG30437	Observed MW: 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 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

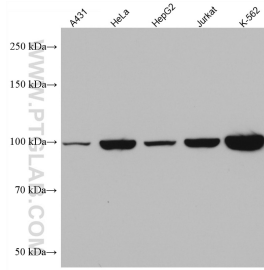
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

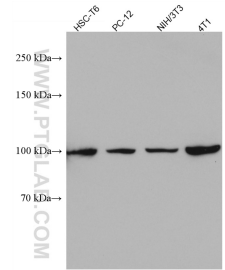
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67715-1-Ig (ALIX; AIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67715-1-Ig (ALIX; AIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.