

Recombinant

DGRmAb®

**ALIX (DGR35650) Rabbit mAb (PBS Only)**

db16124-PBS

Package : 100µg

**Product Name** : ALIX (DGR35650) Rabbit mAb (PBS Only)**Cat.No.:** db16124-PBS**Synonyms** : AIP1; ALIX; HP95; DRIP4; MCPH29**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intraluminal endosomal vesicle formation, and in enveloped virus budding. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. Related pseudogenes have been identified on chromosome 15. [provided by RefSeq, Jan 2012]

**Immunogen**

Recombinant protein of human ALIX

**Gene ID**

10015, 18571, 501083

**Swiss Prot**

Q8WUM4, Q9WU78, Q9QZA2

**Synonyms**

AIP1; ALIX; HP95; DRIP4; MCPH29

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, FC, IP

**Recommended dilution**WB: 1:1000  
ICC/IF: 1:500-1:5000  
FC: 1:200-1:500  
IP: 1:20-1:50**Calculated MW**

96 kDa

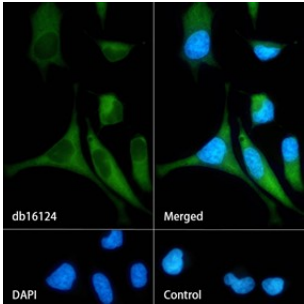
**Observed MW**

90-100 kDa

**Host species**

Rabbit

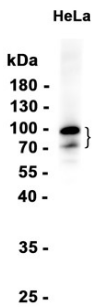
Clonality	Monoclonal
Clonality No.	DGR35650
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling ALIX with db16124.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16124 (1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



Western blot analysis of extracts from HeLa cells using db16124