Recombinant DGRmAb®

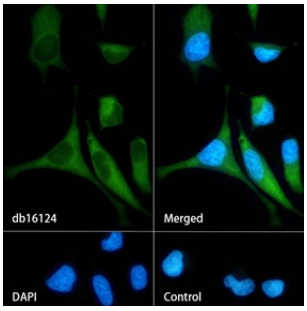
ALIX (DGR35650) Rabbit mAb (PBS Only)

db16124-PBS **Package : 10μg 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 intralumenal 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
Calculated MW	96 kDa
Observed MW	90-100 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR35650
Isotype	IgG

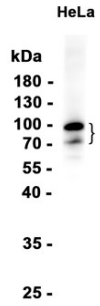
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunofluorescence analysis of Hela cells labelling ALIX with db16124.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 at 1:1000.