

产品说明书

Beclin 1 Recombinant Rabbit mAb (H5931)

货号: HL221216

产品名称	Beclin 1 Recombinant Rabbit mAb (H5931)
来源宿主	Rabbit
反应种属	Human Mouse Rat
克隆类型	Rabbit monoclonal
克隆号	H5931
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.
应用	WB, IHC-P, mlHC, IF
使用方法	WB 1:200-1:500; IHC-P 1: 50-1: 200; mlHC 1: 50-1: 200; IF 1:50-1:200
有效期	one year
别名	APG6; ATG 6 antibody; ATG6 autophagy related 6 homolog; Bcl-2-interacting protein beclin; Beclin 1 (coiled coil moesin like BCL2 interacting protein); Beclin 1 autophagy related; Beclin-1
免疫原	Recombinant protein within Human Beclin 1 aa 351-450 / 450.
SwissProt	Q14457
细胞定位	Cytoplasm, Golgi apparatus, trans-Golgi network membrane, Endosome membrane, Endoplasmic reticulum membrane, Mitochondrion membrane, Endosome, Cytoplasmic vesicle, autophagosome.
分子量	Predicted band size: 52 kDa
产品介绍	Beclin-1 is a mammalian ortholog of the yeast autophagy-related gene 6 (Atg6) and BEC-1 in the C. elegans nematode. This protein interacts with either BCL-2 or PI3k class III, playing a critical role in the regulation of both autophagy and cell death. Beclin-1 plays an important role in tumorigenesis, and neurodegeneration, being implicated in the autophagic programmed cell death. Ovarian cancer with upregulated autophagy has a less aggressive behavior and is more responsive to chemotherapy. Schizophrenia is associated with low levels of Beclin-1 in the hippocampus of those affected, which causes diminished autophagy which in turn results in increased neuronal cell death.

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