

## Optineurin Rabbit mAb

Catalog No: #52829

Package Size: #52829-1 50ul #52829-2 100ul

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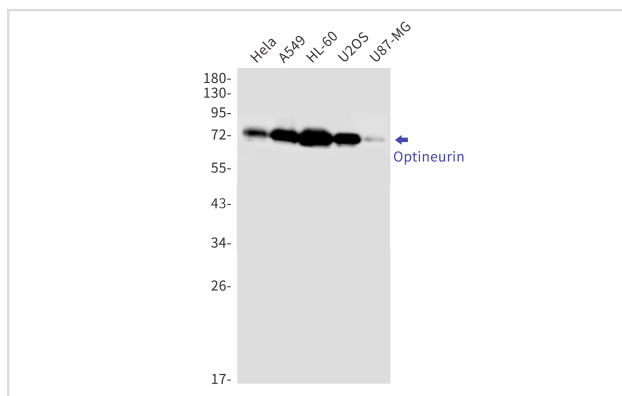
## Description

Product Name	Optineurin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-2C5
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	Recombinant protein of human Optineurin
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NRP; FIP2; HIP7; HYPL; ALS12; GLC1E; TFIIIA-INTP
Accession No.	Swiss-Prot:Q96CV9GeneID:10133
Uniprot	Q96CV9
GeneID	10133
Calculated MW	Calculated MW:66 kDa,Observed MW:75 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

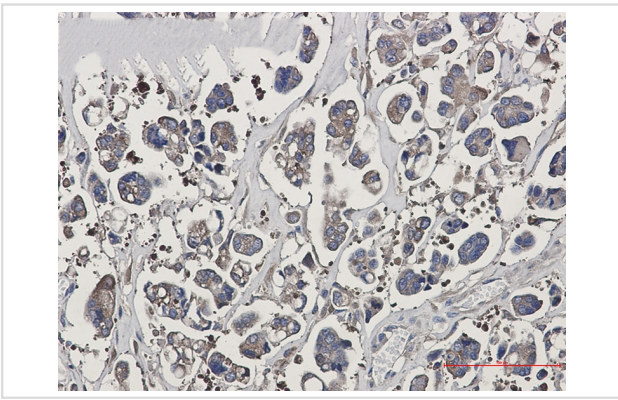
## Application Details

WB: 1/1000 IHC: 1/50

## Images



Western blot detection of Optineurin in HeLa,A549,HL-60,U2OS,U87-MG cell lysates using Optineurin Rabbit mAb(1:1000 diluted).Predicted band size:66kDa.Observed band size:75kDa.



Immunohistochemistry of Optineurin in paraffin-embedded Human Cholangiocarcinoma using Optineurin Rabbit mAb at dilution 1/50

## Background

Plays an important role in the maintenance of the Golgi complex, in membrane trafficking, in exocytosis, through its interaction with myosin VI and Rab8 (PubMed:27534431).

Links myosin VI to the Golgi complex and plays an important role in Golgi ribbon formation (PubMed:27534431).

Plays a role in the activation of innate immune response during viral infection. Mechanistically, recruits TBK1 at the Golgi apparatus, promoting its trans-phosphorylation after RLR or TLR3 stimulation (PubMed:27538435).

Note: This product is for in vitro research use only