

## Transcription Factor EB Rabbit mAb

Catalog No: #52871

Package Size: #52871-1 50ul #52871-2 100ul

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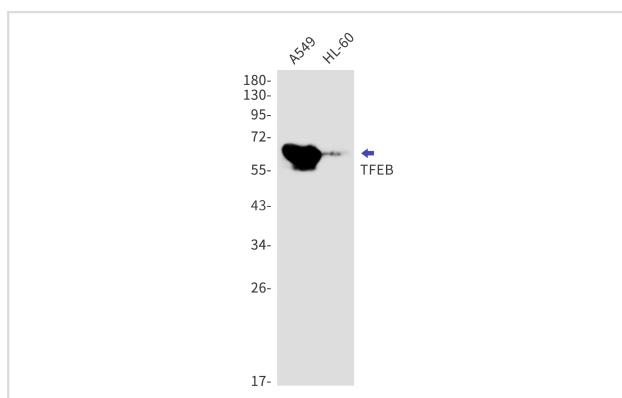
## Description

Product Name	Transcription Factor EB Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S05-0D7
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	Recombinant protein of human TFEB
Conjugates	Unconjugated
Modification	Unmodification
Other Names	TCFEB; BHLHE35; ALPHATFEB
Accession No.	Swiss-Prot:P19484GenelD:7942
Uniprot	P19484
GenelD	7942
Calculated MW	Calculated MW:53 kDa,Observed MW:65-70 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.

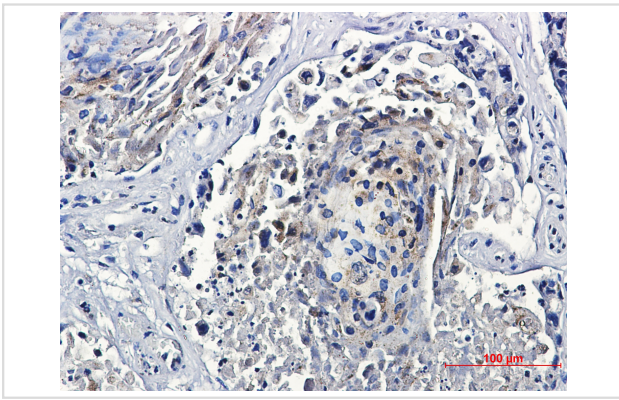
## Application Details

WB: 1/1000 IHC: 1/50

## Images



Western blot detection of TFEB in A549,HL-60 cell lysates using TFEB Rabbit mAb(1:1000 diluted).Predicted band size:53kDa.Observed band size:65-70kDa.



Immunohistochemical of TFEB in Human lung cancer tissue using TFEB antibody at dilution 1/20

## Background

Transcription factor that acts as a master regulator of lysosomal biogenesis, autophagy, lysosomal exocytosis, lipid catabolism, energy metabolism and immune response (PubMed:21617040, PubMed:22576015, PubMed:22343943, PubMed:22692423, PubMed:30120233, PubMed:31672913)

Note: This product is for in vitro research use only