

**Product Name: Transcription Factor EB Rabbit  
Monoclonal Antibody  
Catalog #: AMRe03226**

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## Summary

<b>Production Name</b>	Transcription Factor EB Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,IP
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	TFEB
<b>Alternative Names</b>	TFEB; BHLHE35; Transcription factor EB; Class E basic helix-loop-helix protein 35; bHLHe35
<b>Gene ID</b>	7942
<b>SwissProt ID</b>	P19484.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 53 kDa; Observed MW: 65-70 kDa

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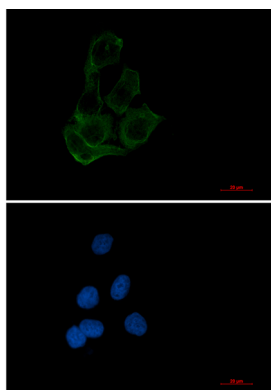
## Background

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)

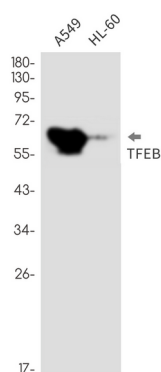
## Research Area

Tags & Cell Markers

## Image Data



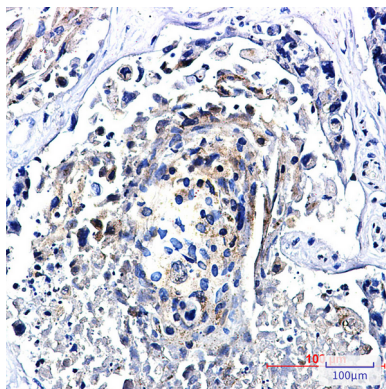
Immunocytochemistry analysis of Transcription Factor EB (green) in HeLa using Transcription Factor EB antibody, and DAPI (blue).



Western blot analysis of TFEB in A549, HL-60 lysates using TFEB antibody.

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Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using TFEB antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

### **Note**

For research use only.