

## Anti-Mib1 Antibody (6F547)

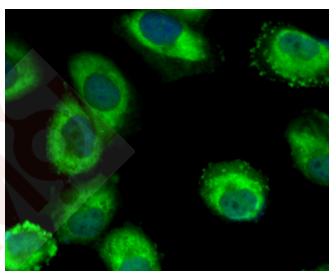
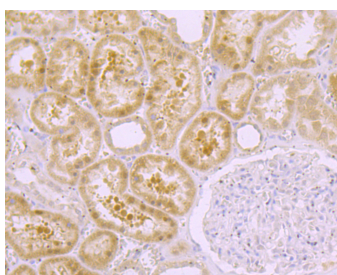
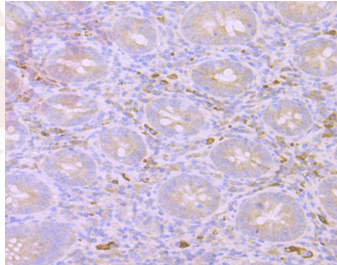
### Product Details

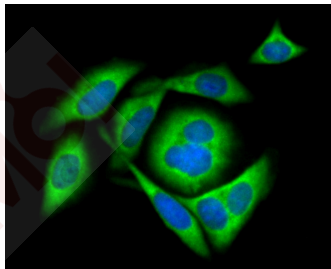
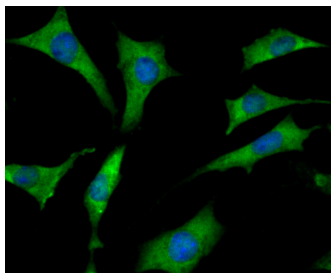
Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 110 kDa.
Clone:	6F547
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human appendix tissue using anti-Mib1 antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Mib1 antibody. Counter stained with hematoxylin.
3. ICC staining Mib1 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
4. ICC staining Mib1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
5. ICC staining Mib1 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





Application: ICC,IHC,WB  
Recommended IHC: 1:50-200; ICC: 1:50-200

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.  
Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: within N-terminal human Mib1  
Antigen Species: Human  
Uniprot ID: Q86YT6  
Synonyms: ZZANK2;E3 ubiquitin protein ligase MIB1;Dip 1;Ubiquitin ligase mind bomb;Dip1;DIP-1;E3 ubiquitin protein ligase MIB 1;DAPK-interacting protein 1;MIB1\_HUMAN;Mind bomb homolog 1;LVNC7;E3 ubiquitin-protein ligase mib1;KIAA1323;MIB;Zinc finger ZZ type with ankyrin repeat domain protein 2;ZZZ6;mib 1;Mindbomb E3 ubiquitin protein ligase 1

### Research Background

E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing apoptotic effects of DAPK1 to promote TNF-induced apoptosis (By similarity). Involved in ubiquitination of centriolar satellite CEP131, CEP290 and PCM1 proteins and hence inhibits primary cilium formation in proliferating cells. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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