

## Anti-TMEM177 Antibody (4I511)

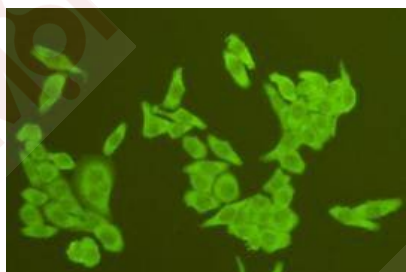
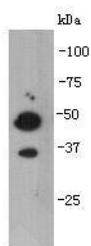
### Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 34 kDa.
Clone:	4I511
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Western blot analysis of TMEM177 on recombinant protein using anti-TMEM177 antibody at 1/1,000 dilution.
2. ICC staining TMEM177 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Application:	ICC,IHC,WB
Recommended	WB: 1:500-1000; 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  
Uniprot ID: Q53558  
Synonyms: Transmembrane protein 177;TM177\_HUMAN;Tmem 177

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### Research Background

A transmembrane protein (TMEM) is a type of integral membrane protein that spans the entirety of the biological membrane to which it is permanently attached. Many transmembrane proteins function as gateways to permit the transport of specific substances across the biological membrane. They frequently undergo significant conformational changes to move a substance through the membrane. Transmembrane proteins are polytopic proteins that aggregate and precipitate in water. They require detergents or nonpolar solvents for extraction, although some of them (beta-barrels) can be also extracted using denaturing agents.

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

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