

## Anti-TC10 Antibody (6I153)

### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Rat)
Molecular Weight:	Theoretical: 23 kDa. Actual: 23 kDa.
Clone:	6I153
Purification:	Protein A purified

### Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with TC10 monoclonal antibody, unconjugated (TMAB-13418) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human TC10
Antigen Species:	Human
Gene ID:	23433
Uniprot ID:	P17081

### Research Background

Plasma membrane-associated small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses. Involved in epithelial cell polarization processes. May play a role in CFTR trafficking to the plasma membrane. Causes the formation of thin, actin-rich surface projections called filopodia.

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

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