


Product datasheet

Anti-TC10 antibody [Y304] ab32079

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [5 References](#) [3 Images](#)

Overview

Product name	Anti-TC10 antibody [Y304]
Description	Rabbit monoclonal [Y304] to TC10
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human TC10 aa 100-200. The exact sequence is proprietary. (Peptide available as ab186757)
Positive control	293 cell lysate, HeLa cells
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	Y304

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab32079 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 23 kDa. Can be blocked with TC10 peptide (ab186757) .
ICC/IF		1/250 - 1/500.

Application notes

Is unsuitable for Flow Cyt or IP.

Target

Function

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.

Sequence similarities

Belongs to the small GTPase superfamily. Rho family.

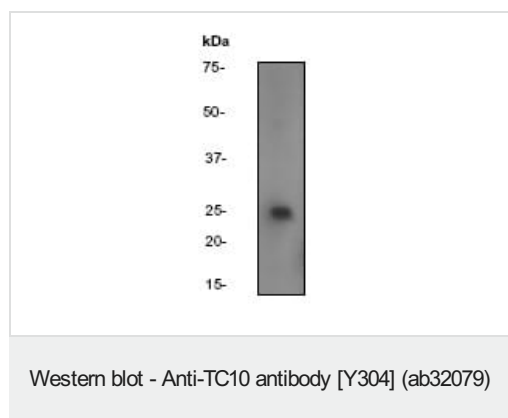
Post-translational modifications

May be post-translationally modified by both palmitoylation and polyisoprenylation.

Cellular localization

Cytoplasm. Cell membrane.

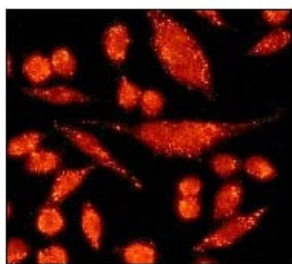
Images



Anti-TC10 antibody [Y304] (ab32079) at 1/1000 dilution + 293 cell lysate

Predicted band size: 23 kDa

Observed band size: 25 kDa



Immunofluorescent analysis of TC10 expression in HeLa cells using 1/250 ab 32079.

Immunocytochemistry/ Immunofluorescence - Anti-TC10 antibody [Y304] (ab32079)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-TC10 antibody [Y304] (ab32079)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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