

Anti-TC10 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

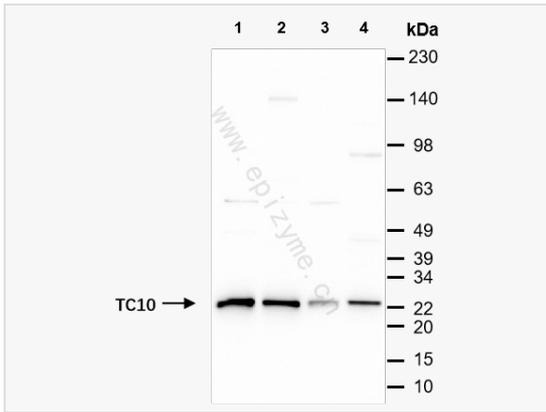
Catalog # R014163

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	57P53A87
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human TC10
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TC10 Rabbit mAb [57P53A87] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ARHQ, Ras homolog gene family member Q, RAS like family 7 member A, Ras like protein family member 7A, Ras like protein TC10, Ras related GTP binding protein TC10, Ras-like protein family member 7A, Ras-like protein TC10, RASL7A, Rho related GTP binding protein RhoQ, Rho-related GTP-binding protein RhoQ, Rhoq, RHOQ_HUMAN, TC10A.
Calculated MW	Calculated MW: 23 kDa; Observed MW: 25 kDa
Uniprot ID	P17081
Gene ID	23433
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.
Cellular Location	Cytoplasm. Cell membrane.



Western Blot - Anti-TC10 Rabbit mAb [57P53A87]

All lanes: R014163 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 3: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 4: Rat heart whole tissue lysates

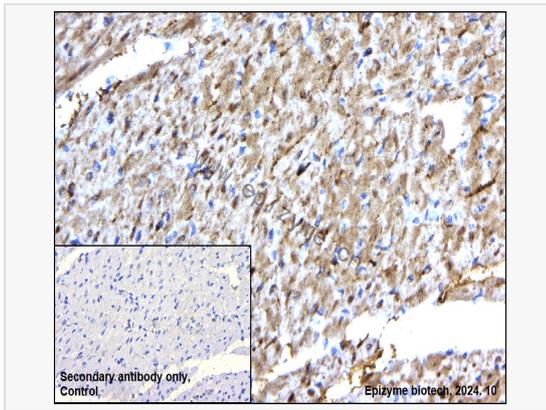
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 23 kDa

Observed band size: 25 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-TC10 Rabbit mAb [57P53A87]

Sample: Paraformaldehyde-fixed, paraffin embedded rat heart tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014163 at 1:200 dilution

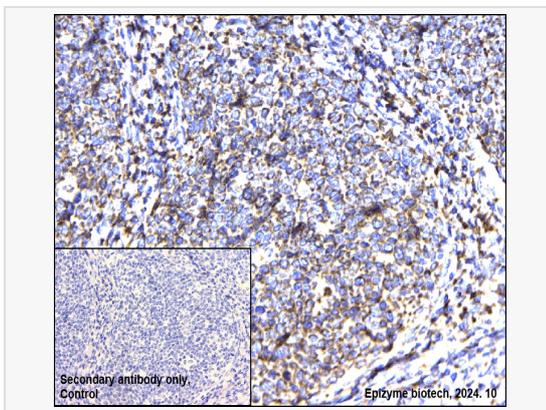
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-TC10 Rabbit mAb [57P53A87]

Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014163 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.