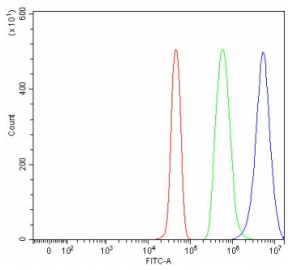
TXNDC17 Antibody / TRP14 (RQ8243)

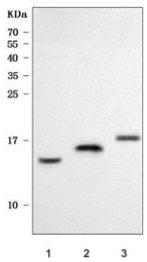
Catalog No.	Formulation	Size
RQ8243	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BRA2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This TXNDC17 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human JK cells with TXNDC17 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TXNDC17 antibody.



Western blot testing of 1) human Jurkat, 2) rat kidney and 3) mouse kidney tissue lysate with TXNDC17 antibody. Predicted molecular weight ~14 kDa.

Description

Thioredoxin domain-containing protein 17 (TXNDC17), also called 14 kDa thioredoxin-related protein (TRP14), is a disulfide reductase. May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. Modulates TNF-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide.

Application Notes

Optimal dilution of the TXNDC17 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-D123) was used as the immunogen for the TXNDC17 antibody.

Storage

After reconstitution, the TXNDC17 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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