

Datasheet for ABIN7603241
anti-TMEM50B antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TMEM50B (TM50B)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM50B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-TMEM50B Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human TMEM50B, identical to the related mouse and rat sequences.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-TMEM50B Antibody Picoband® (ABIN7603241). Tested in Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: TMEM50B (TM50B)

Alternative Name: TMEM50B ([TM50B Products](#))

Background: Synonyms: RNA-binding protein 47, RNA-binding motif protein 47, RBM47,
Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .
Background: Predicted to be involved in late endosome to vacuole transport via multivesicular body sorting pathway. Located in endoplasmic reticulum.

Molecular Weight: 23 kDa

Gene ID: 757

UniProt: [P56557](#)

Application Details

Application Notes: Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat
Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human
Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human
1. Gross, M. B. Personal Communication. Baltimore, Md. 2/28/2018. 2. Moldrich, R. X., Laine, J., Visel, A., Beart, P. M., Laffaire, J., Rossier, J., Potier, M.-C. Transmembrane protein 50B (C21orf4), a candidate for Down syndrome neurophenotypes, encodes an intracellular membrane protein expressed in the rodent brain. Neuroscience 154: 1255-1266, 2008.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na₂HPO₄.

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.