

Datasheet for ABIN7603101

anti-TMEM65 antibody (Middle Region)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TMEM65
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM65 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TMEM65 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human TMEM65, identical to the related mouse sequences.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-TMEM65 Antibody Picoband® (ABIN7603101). Tested in Flow Cytometry, 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	TMEM65
Alternative Name:	TMEM65 (TMEM65 Products)
Background:	<p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>Background: Predicted to be involved in cardiac ventricle development and regulation of cardiac conduction. Located in intercalated disc, mitochondrial inner membrane, and plasma membrane.</p>
Molecular Weight:	20 kDa
Gene ID:	157378

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human, Mouse, Rat</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 10/23/2015. 2. Nishimura, N., Gotoh, T., Oike, Y., Yano, M. TMEM65 is a mitochondrial inner-membrane protein. PeerJ 2: e349, 2014. Note: Electronic Article. 3. Sharma, P., Abbasi, C., Lazic, S., Teng, A. C. T., Wang, D., Dubois, N., Ignatchenko, V., Wong, V., Liu, J., Araki, T., Tiburcy, M., Ackerly, C., and 9 others. Evolutionarily conserved intercalated disc protein Tmem65 regulates cardiac conduction and connexin 43 function. Nature Commun. 6: 8391, 2015. Note: Electronic Article.</p>
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 Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.</p>