Datasheet for ABIN7601549

anti-TMEM201 antibody (AA 38-591)

Go to Product page

Overview

Quantity:	100 µg
Target:	TMEM201
Binding Specificity:	AA 38-591
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM201 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TMEM201 Antibody Picoband®
Immunogen:	E.coli-derived human TMEM201 recombinant protein (Position: R38-R591). Human TMEM201 shares 83.4% amino acid (aa) sequence identity with mouse TMEM201.
Characteristics:	Anti-TM Antibody Picoband® (ABIN7601549). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human. 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:	TMEM201
Alternative Name:	TMEM201 (TMEM201 Products)
Background:	TMEM201 is a protein-coding gene located on chromosome 10 in humans. Its full name is Transmembrane Protein 201. This gene encodes a transmembrane protein that is predicted to play a role in cellular processes, although its exact function is not yet fully understood. Studies suggest that TMEM201 may be involved in intracellular trafficking or signaling pathways within the cell. Further research is needed to elucidate its precise biological significance and potential implications in health and disease.
Molecular Weight:	85 kDa
Gene ID:	199953

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Chen D, Lou Y, Lu J, et al. Characterization of the Clinical Significance and Immunological Landscapes of a Novel TMEMs Signature in Hepatocellular Carcinoma and the Contribution of TMEM201 to Hepatocarcinogenesis[J]. International Journal of Molecular Sciences, 2023, 24(12): 10285. 2. Bergqvist C, Niss F, Figueroa R A, et al. Monitoring of chromatin organization in live cells by FRIC. Effects of the inner nuclear membrane protein Samp1[J]. Nucleic acids research, 2019, 47(9): e49-e49. 3. Larsson V J, Jafferali M H, Vijayaraghavan B, et al. Mitotic spindle assembly and γ-tubulin localisation depend on the integral nuclear membrane protein Samp1[J]. Journal of cell science, 2018, 131(8): jcs211664.
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

Handling

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.