Datasheet for ABIN7602249

anti-TMEM180 antibody (AA 66-517)

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Overview

Quantity:	100 µg
Target:	TMEM180
Binding Specificity:	AA 66-517
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM180 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-MFSD13A Antibody Picoband®
Immunogen:	E.coli-derived human MFSD13A recombinant protein (Position: N66-V517).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MFSD13A Antibody Picoband® (ABIN7602249). Tested in ELISA, WB, Flow Cytometry 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:	TMEM180
Alternative Name:	MFSD13A (TMEM180 Products)
Background:	Synonyms: Placenta-specific protein 9, PLAC9 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: MFSD13A (Major Facilitator Superfamily Domain Containing 13A) is located on human chromosome 10q24.32. The MFSD13A protein is ubiquitously expressed in brain, lung and other tissues. Structurally, the encoded protein is reported to be 27160 Da in mass. The MFSD13A (also known as TMEM180, C10orf77, bA18I14.8) gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, chicken, frog, etc. 234 organisms have orthologs with human gene MFSD13A. The MFSD13A gene might be genetic modifiers of pancreatic cancer tumorigenesis.
Molecular Weight:	57 kDa
Gene ID:	79847

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. Anzai, T., Matsumura, Y. Topological analysis of TMEM180, a newly identified membrane protein that is highly expressed in colorectal cancer cells. Biochem. Biophys. Res. Commun. 520: 566-572, 2019. 2. Gross, M. B. Personal Communication. Baltimore, Md. 2/21/2023.
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.