

Rabbit TMEM65 Polyclonal Antibody | anti-TMEM65 antibody

Anti-TMEM65 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126621	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Western Blot

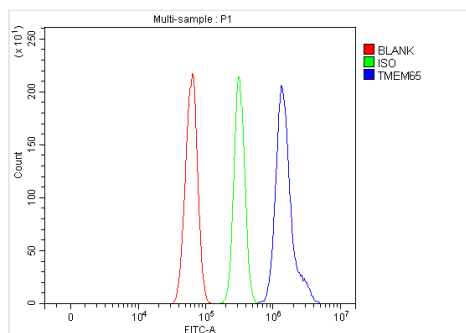
PRODUCT SYNONYMS

TMEM65; Polyclonal Antibody; Anti-TMEM65 Antibody Picoband; anti-TMEM65 antibody

PRODUCT SPECIFICATIONS

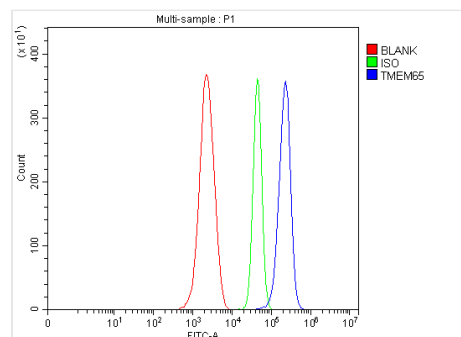
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TMEM65 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human TMEM65 (ARDFIYSLHSTERSCLLKELH).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



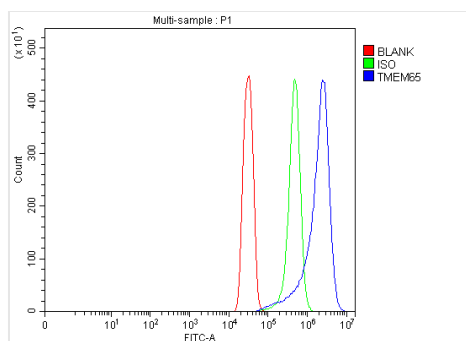
FCM/FACS (Flow Cytometry)

Figure 4. Flow Cytometry analysis of RH35 cells using anti-TMEM65 antibody (AAA126621). Overlay histogram showing RH35 cells stained with AAA126621 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TMEM65 Antibody (AAA126621, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



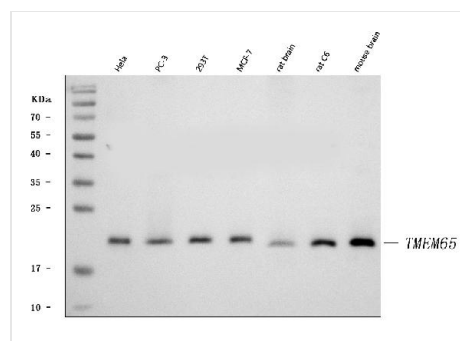
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of ANA-1 cells using anti-TMEM65 antibody (AAA126621). Overlay histogram showing ANA-1 cells stained with AAA126621 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TMEM65 Antibody (AAA126621, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of SiHa cells using anti-TMEM65 antibody (AAA126621). Overlay histogram showing SiHa cells stained with AAA126621 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TMEM65 Antibody (AAA126621, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of TMEM65 using anti-TMEM65 antibody (AAA126621). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human PC-3 whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: human MCF-7 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat C6 whole cell lysates, Lane 7: mouse brain tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TMEM65 antigen affinity purified polyclonal antibody (#AAA126621) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TMEM65 at approximately 20 kDa. The expected band size for TMEM65 is at 25 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM65 antibody	Predicted to be involved in cardiac ventricle development and regulation of cardiac conduction. Located in intercalated disc; mitochondrial inner membrane; and plasma membrane.
Product Categories/Family for anti-TMEM65 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21619598
NCBI GeneID	157378
UniProt Accession #	Q6PI78; Q8N5G8; Q8WVK5
Molecular Weight	25,498 Da
NCBI Official Full Name	TMEM65 protein
NCBI Official Synonym Full Names	transmembrane protein 65
NCBI Official Symbol	TMEM65
NCBI Protein Information	transmembrane protein 65
UniProt Protein Name	Transmembrane protein 65
UniProt Gene Name	TMEM65
UniProt Entry Name	TMM65_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmem65-antibody-flow-cytometry-western-blot-elisa/126621>