

Product Name: KD-Validated TMEM9B Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00317

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 22.5kDa

Antigen Information

Gene Name	TMEM9B
Alternative Names	TMEM9B; TMEM9 Domain Family Member B; C11orf15; Transmembrane Protein 9B; Chromosome 11 Open Reading Frame 15; TMEM9 Domain Family, Member B
Gene ID	56674.0
SwissProt ID	Q9NQ34
Immunogen	Recombinant protein of human TMEM9B

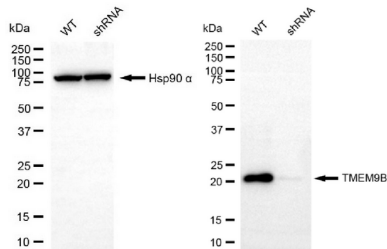
Background

Involved in positive regulation of canonical NF-kappaB signal transduction. Located in early endosome membrane and lysosomal membrane. [provided by Alliance of Genome Resources, Jul 2025]

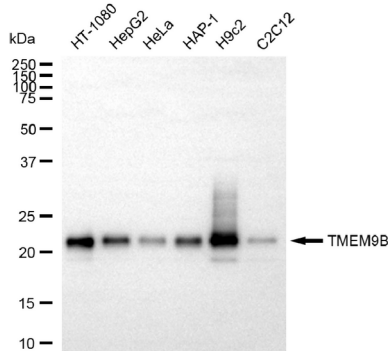
Research Area

Epigenetics and Nuclear Signaling

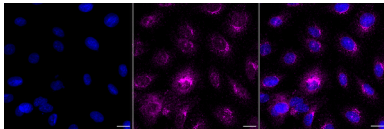
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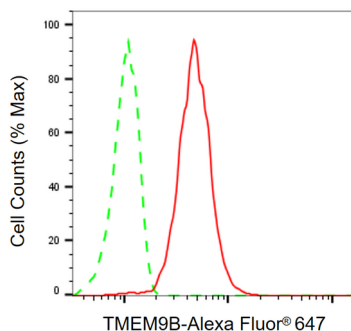
Western blotting analysis using TMEM9B antibody (KVA00317). TMEM9B expression in wild-type (WT) and TMEM9B shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TMEM9B antibody (KVA00317, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using TMEM9B antibody (KVA00317). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TMEM9B antibody (KVA00317, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of H9c2 cells with TMEM9B antibody (KVA00317, 1:1,000). Nuclei were stained blue with DAPI; TMEM9B was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of TMEM9B expression in H9c2 cells using TMEM9B antibody (KVA00317, 1:2,000). Green, isotype control; red, TMEM9B.