

ARG45301 anti-TMEM50B antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes TMEM50B
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	TMEM50B
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminal region of human TMEM50B.
Conjugation	Un-conjugated
Alternate Names	TMEM50B; Transmembrane Protein 50B; C21orf4; HCV P7-Trans-Regulated Protein 3; Chromosome 21 Open Reading Frame 4; HCV P7-Transregulated Protein 3; HCVP7TP3

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	18 kDa	

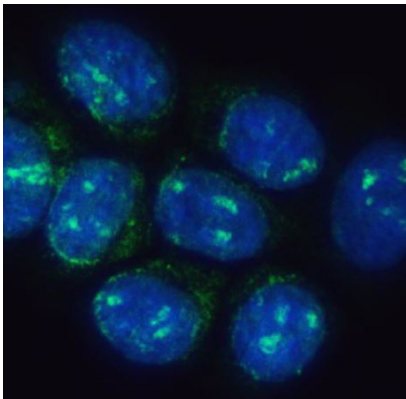
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

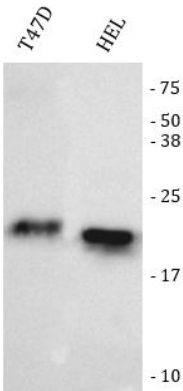
Gene Symbol	TMEM50B
Gene Full Name	Transmembrane Protein 50B
Background	Predicted to be involved in late endosome to vacuole transport via multivesicular body sorting pathway. Located in endoplasmic reticulum. [provided by Alliance of Genome Resources, Nov 2024]
Calculated Mw	64 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Endoplasmic reticulum; Golgi apparatus; Membrane. [UniProt]

Images



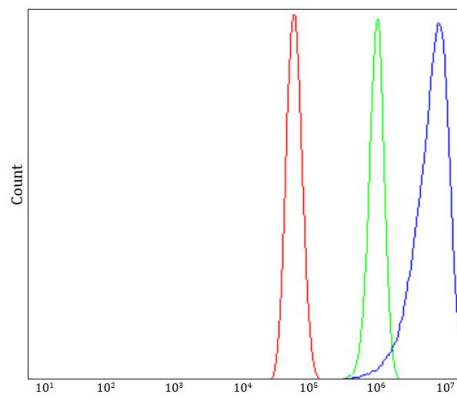
ARG45301 anti-TMEM50B antibody ICC/IF image

Immunofluorescence: MCF-7 stained with ARG45301 anti-TMEM50B antibody at 5 ug/ml dilution.



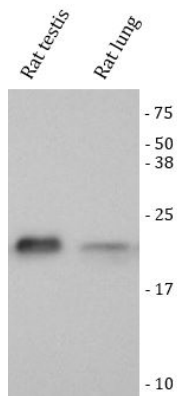
ARG45301 anti-TMEM50B antibody WB image

Western blot: T47D and HEL stained with ARG45301 anti-TMEM50B antibody at 0.5 µg/ml dilution.



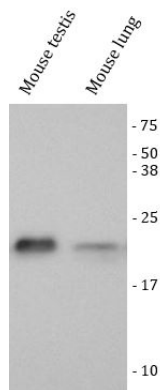
ARG45301 anti-TMEM50B antibody FACS image

Flow Cytometry: U87 stained with ARG45301 anti-TMEM50B antibody at $1 \mu\text{g}/10^6$ cells dilution.



ARG45301 anti-TMEM50B antibody WB image

Western blot: Rat testis and rat lung stained with ARG45301 anti-TMEM50B antibody at $0.5 \mu\text{g}/\text{ml}$ dilution.



ARG45301 anti-TMEM50B antibody WB image

Western blot: Mouse testis and mouse lung stained with ARG45301 anti-TMEM50B antibody at $0.5 \mu\text{g}/\text{ml}$ dilution.