

Anti-KCNE1L Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 15 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Blank control: Hela. Primary Antibody (green line): Rabbit Anti-KCNE1L antibody (TMAB-07927) Dilution: 1 µg /10 ⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: 1 µg /test. Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 20% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.
Application:	FCM
Recommended	FCM: 1µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human KCNE1L
Antigen Species:	Human
Gene ID:	23630
Uniprot ID:	Q9UJ90

Research Background

KCNE1L belongs to the potassium channel KCNE family which represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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