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Anti-KCNJ5 / Kir3.4 / GIRK4 Antibody (clone 8D2)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18296

Product Information

Application	WB, IHC-P, E
Primary Accession	P48544
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	8D2
Calculated MW	47668
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	3762
Alias Symbol	KCNJ5
Other Names	KCNJ5, CIR, GIRK-4, KATP1, Heart KATP channel, IRK-4, KATP-1, KIR3.4, LQT13, Cardiac inward rectifier, GIRK4
Target/Specificity	Human KCNJ5 / Kir3.4 / GIRK4
Reconstitution & Storage	Protein A purified
Precautions	Anti-KCNJ5 / Kir3.4 / GIRK4 Antibody (clone 8D2) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KCNJ5
Synonyms	GIRK4
Function	Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by external barium. This potassium channel is controlled by G proteins.
Cellular Location	Membrane; Multi-pass membrane protein

Tissue Location	Islets, exocrine pancreas and heart. Expressed in the adrenal cortex, particularly the zona glomerulosa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.