

Anti-KCNJ5 / Kir3.4 / GIRK4 Antibody (clone 8D2)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18296**Specification**

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

Application	WB, IHC-P, E
Primary Accession	P48544
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	47668

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

Anti-KCNJ5 / Kir3.4 / GIRK4 Antibody (clone 8D2) - Protein Information**Name** KCNJ5**Synonyms** GIRK4**Function**

This potassium channel is controlled by G proteins. 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.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

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

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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