Mouse KCNJ3 Monoclonal Antibody | anti-KCNJ3 antibody

KCNJ3 antibody

CATALOG #	HOST	APPLICATIONS
AAA107408	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence**

PRODUCT SYNONYMS

KCNJ3; Monoclonal Antibody; KCNJ3 antibody; Monoclonal KCNJ3; Anti-KCNJ3; GIRK1; KGA; KIR3.1; KCNJ 3; KCNJ-3; anti-KCNJ3 antibody

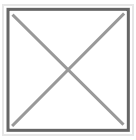
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G3
Purity/Purification	KCNJ3 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	501
Applicable Applications for anti-KCNJ3 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins and plays an important role in regulating heartbeat. It associates with three other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex.
Cross-Reactivity	Human
Immunogen	KCNJ3 antibody was raised in Mouse using Human recombinant protein fragment corresponding to amino acids 279-501 of human KCNJ3 produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

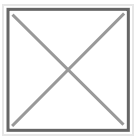
IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant KCNJ3 protein using KCNJ3 antibody

IHC (Immunohistochemisry)
Immunohistochemical analysis of KCNJ3 protein in paraffin embedded Carcinoma of Human thyroid tissue using KCNJ3 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant KCNJ3 protein (Right) or empty vector (Left) detected with KCNJ3 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant KCNJ3 protein (red) or empty vector (blue) stained using KCNJ3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-KCNJ3 antibody	Mouse monoclonal KCNJ3 antibody
Product Categories/Family for anti-KCNJ3 antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	649119575
NCBI Official Full Name	KCNJ3, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/kcnj3-antibody-clone-1g3-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/107408