

GIRK2 (Interleukin-6) / Interferon beta-2 (Hybridoma Growth Factor) Antibody

Mouse Monoclonal Antibody [Clone KCNJ6/7558]

Catalog No	Format	Size
3763-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3763-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3763-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

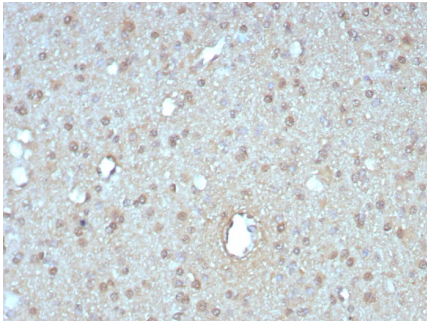
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

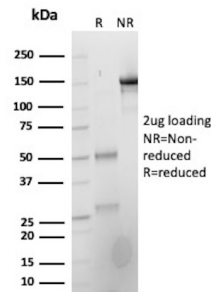
Clone	KCNJ6/7558
Gene Name	KCNJ6
Immunogen	Recombinant fragment of human KCNJ6 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	48kDa
Cellular Localization	Membrane.
Species Reactivity	Human
Positive Control	Human brain or pancreas.

*Optimal dilution for a specific application should be determined.

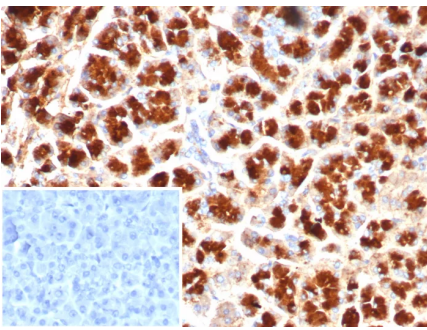
Product Images for GIRK2 (Interleukin-6) / Interferon beta-2 (Hybridoma Growth Factor) Antibody



Formalin-fixed, paraffin-embedded human pancreas stained with GIRK2 Mouse Monoclonal Antibody (KCNJ6/7558) at 2ug/ml. HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified G protein-activated inward rectifier potassium channel 2 Mouse Monoclonal Antibody (KCNJ6/7558). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human pancreas stained with GIRK2 Mouse Monoclonal Antibody (KCNJ6/7558) at 2ug/ml. Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

This gene encodes a member of the G protein-coupled inwardly-rectifying potassium channel family of inward rectifier potassium channels. This type of potassium channel allows a greater flow of potassium into the cell than out of it. These proteins modulate many physiological processes, including heart rate in cardiac cells and circuit activity in neuronal cells, through G-protein coupled receptor stimulation. Mutations in this gene are associated with Keppen-Lubinsky Syndrome, a rare condition characterized by severe developmental delay, facial dysmorphism, and intellectual disability. [provided by RefSeq, Apr 2015]

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Neuroscience
