

Datasheet

Kcnj8 monoclonal antibody, clone S366-60 (FITC)

Catalog Number: MAB17360

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant rat Kcnj8.

Clone Name: S366-60

Immunogen: Recombinant protein corresponding to amino acids 306-424 at C-terminus of rat Kcnj8.

Host: Mouse

Reactivity: Rat

Applications: ICC, IF, IHC-P, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Conjugation: FITC

Purification: Protein G purification

Isotype: IgG2a

Recommend Usage: Immunocytochemistry (1:100)
Immunofluorescence (1:100)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).

Storage Instruction: Store at -20°C.

Entrez GeneID: 25472

Gene Symbol: Kcnj8

Gene Alias: Kir6.1, UKATP1, uKATP-1

References:

1. Heterogeneity of IK1 in the mouse heart. Panama BK, McLerie M, Lopatin AN. *Am J Physiol Heart Circ Physiol.* 2007 Dec;293(6):H3558-67. Epub 2007 Sep 21.
2. Kir2.3 isoform confers pH sensitivity to heteromeric Kir2.1/Kir2.3 channels in HEK293 cells. Munoz V, Vaidyanathan R, Tolkacheva EG, Dhamoon AS, Taffet SM, Anumonwo JM. *Heart Rhythm.* 2007 Apr;4(4):487-96. Epub 2006 Dec 28.
3. Molecular dissection of the inward rectifier potassium current (IK1) in rabbit cardiomyocytes: evidence for heteromeric co-assembly of Kir2.1 and Kir2.2. Zobel C, Cho HC, Nguyen TT, Pekhletski R, Diaz RJ, Wilson GJ, Backx PH. *J Physiol.* 2003 Jul 15;550(Pt 2):365-72. Epub 2003 Jun 6.