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KCNC3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant KCNC3.
Catalog # AT2591a

Specification

KCNC3 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB**
Primary Accession	Q14003
Other Accession	NM_004977
Reactivity	**Human, Mouse**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**80578**

KCNC3 Antibody (monoclonal) (M01) - Additional Information

Gene ID 3748

Other Names
Potassium voltage-gated channel subfamily C member 3, KSHIIID, Voltage-gated potassium channel subunit Kv33, KCNC3

Target/Specificity
KCNC3 (NP_004968, 671 a.a. ~ 757 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
KCNC3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

KCNC3 Antibody (monoclonal) (M01) - Protocols

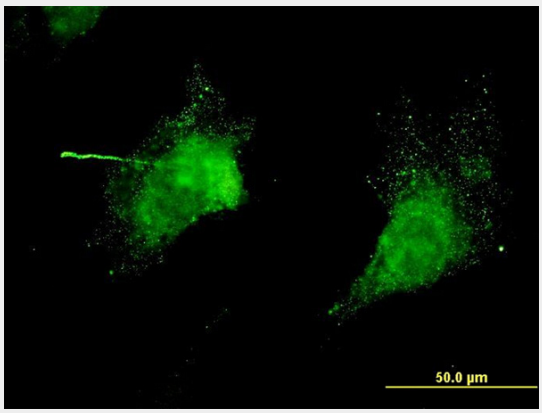
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

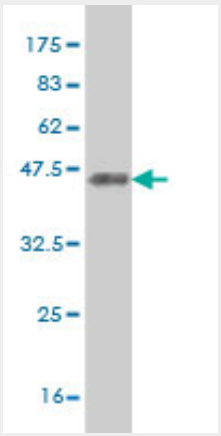
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

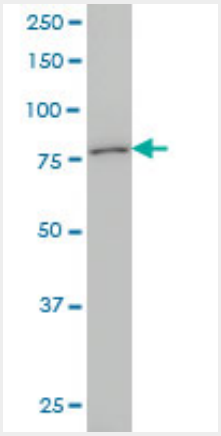
KCNC3 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to KCNC3 on NIH/3T3 cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.31 KDa) .



KCNC3 monoclonal antibody (M01), clone 1C1 Western Blot analysis of KCNC3 expression in

NIH/3T3 ((Cat # AT2591a)

KCNC3 Antibody (monoclonal) (M01) - Background

The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes.

KCNC3 Antibody (monoclonal) (M01) - References

1.Volumetric and ionic regulation during the in vitro development of a corneal endothelial barrier.Alaminos A, Gonzalez-Andrades M, Munoz-Avila JI, Garzon I, Sanchez-Quevedo MC, Campos A.Exp Eye Res. 2008 May;86(5):758-69. Epub 2008 Feb 26.