Datasheet for ABIN7595480

anti-Kv1.6/KCNA6 antibody (C-Term) (FL490)

Go to Product page

Overview

Quantity:	200 µL
Target:	Kv1.6/KCNA6 (KCNA6)
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Kv1.6/KCNA6 antibody is conjugated to FL490
Application:	Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Kv1.6 K+ Channel Antibody FL490 Conjugate
Immunogen:	Synthetic peptide 507-525 (RERRSSYLPTPHRAYAEKR, cytoplasmic C-terminus) of rat Kv1.6 (accession number P17659)
Clone:	K19-36
Isotype:	IgG3
Specificity:	No off-targets reported for other Kv1 channels
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-Kv1.6 K+ channel mouse monoclonal primary antibody is produced in-house from hybridoma clone K19/36. It detects human, mouse, and rat Kv1.6 K+ channel, and is purified by Protein A chromatography. It is great for use in IHC, ICC.

Product Details

	Manufacturer Comment: We produce our Kv1.6 K+ channel mouse monoclonal primary antibody from hybridoma clone K19/36. It is great in IHC, ICC and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
Purity:	> 90 % specific antibody

Target Details

Target:	Kv1.6/KCNA6 (KCNA6)
Alternative Name:	Kv1.6 K+ channel (KCNA6 Products)
Background:	Synonyms: Potassium voltage-gated channel subfamily A member 6 (RCK2) (Voltage-gated potassium channel subunit Kv1.6) (Voltage-gated potassium channel subunit Kv2) Target Description: Potassium voltage-gated channel subfamily A member 6 or Kv1.6 is encoded by the gene KCNA6. Kv1.6 is a potassium channel subunit is a member of the potassium channel, voltage-gated, shaker-related subfamily. Potassium channels form homotetrameric and heterotetrameric channels in the membrane with various other related proteins, including KCNA2, KCNA4, KCNA5, KCNA6, KCNA7. Kv1.6 is expressed in brain neurons as well as other cell types in the brain, in cardiac and smooth muscle tissue, ovary and testis. Gene Name Alternatives: Kcna6
Molecular Weight:	60 kDa

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	12 months