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Datasheet for ABIN1721589  
**anti-KCNQ1 K+ Channel antibody**

### Overview

Quantity:	100 µg
Target:	KCNQ1 K+ Channel
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (IHC), Western Blotting (WB)

### Product Details

Immunogen:	Fusion protein amino acids range is 2-92 of human KCNQ1, accession number P51787 (NP_000209.2).
Clone:	S37A-10
Isotype:	IgG1
Specificity:	Reacts with human mouse and rat KCNQ1 K+ Channel.
Purification:	Purified

### Target Details

Target:	KCNQ1 K+ Channel
Background:	Potassium voltage-gated channel subfamily KQT member 1 IKs producing slow voltage-gated potassium channel subunit alpha KvLQT1 KQT-like 1 Voltage-gated potassium channel subunit

## Target Details

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Kv7.1 Gene name: KCNQ1, KCNA8, KCNA9, KVLQT1

Gene ID: 3784

UniProt: [P51787](#)

## Application Details

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Application Notes: Working dilution: Optimal dilution should be determined by the end user.  
The following are guidelines only:  
Flow Cyt(1 µg for 1E06 cells) IHC-P(0.1 - 1 µg/mL) IHC-Fr(0.1 - 1 µg/mL) WB(1 - 10 µg/mL)  
ICC/IF(1 - 10 µg/mL)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS pH 7.4, 50 % glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Dilute in PBS or medium which is identical to that used in the assay system

Storage: -20 °C

Storage Comment: Stable for at least one year at -20°C. Avoid repeated freezing and thawing.

Expiry Date: 12 months