

Anti-K_v1.3 (extracellular) -FITC

(Voltage-gated potassium channel Kv1.3, Kcna3)

Product #: APC-101-F

Current Lot #: AN-03, AN-04, AN-05

Host: Rabbit.

Type: Polyclonal.

Epitope: Peptide KDYPASTSQDSFEA(C) corresponding to residues 263-276 of human Kv1.3 (Accession [P22001](#)).

Epitope location: Extracellular, between the S1 and S2 domains.

Homology with other species: Rat, mouse – 12 out of 14 residues identical.

Reactivity confirmed: Human.

Identity of a peptide: confirmed by mass-spectrography and amino acid analysis.

Label: Fluorescein isothiocyanate (FITC).

Purity: affinity purified on immobilized antigen.

Sample sizes: 50 µl after reconstitution of the lyophilized powder.

Storage before reconstitution: Lyophilized powder can be stored intact at room temperature for several weeks. For longer periods, it should be stored at -20°C.

Reconstitution: 50 µl deionized water.

Antibody concentration after reconstitution: 1mg/ml.

Buffer after reconstitution: phosphate buffered saline (PBS), pH 7.4, 1% BSA, 0.05% NaN₃.

Storage after reconstitution: the reconstituted solution can be stored at 4°C for up to 2 weeks. For longer periods, small aliquots should be stored at -20°C or below. Avoid multiple freezing and thawing. The further dilutions should be made using a carrier protein such as BSA (1%). Centrifuge **all** antibody preparations before use (10000 × g 5 min).

Standard quality control of each Lot: Flow cytometry analysis.

Applications:

Flow Cytometry: 0.5-5µg antibody / 1x10⁶cells.

For research purposes only, not for human use.

Last Update: October 26, 2010.

FACS analysis of live intact Jurkat (human T cell leukemia) cells:

