

Datasheet

SGK monoclonal antibody (M01), clone 4D7-G3

Catalog Number: H00006446-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant SGK.

Clone Name: 4D7-G3

Immunogen: SGK (AAH01263.1, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MTVKTEAAKGLTYSRMRGMVAILIAFMKQRRMGLND
FIQKIANNYSACKHPEVQSILKISQPQEPELMNANPSP
PSPSQQINLGPSSNPHAKPSDFHFLKVIKGSFGKVL
ARHKAEEVFYAVKVLQKKAILKKKEEKHIMSERNVLLK
NVKHPFLVGLHFSFQTADKLYFVLDYINGGELFYHLQR
ERCFLPRARFYAAEIASALGYLHSLNIVYRDLKPENIL
LDSQGHIVLTDGFLCKENIEHNSTTSTFCGTPEYLAPE
VLHKQPYDRTVDWWCLGAVLYEMLYGLPPFYSRNTA
EMYDNILNKPLQLKPNITNSARHLLLEGLLQKDRTKRLG
AKDDFMEIKSHVFFSLINWDDLKINKITPPFNPVSGPN
DLRHFDFEFTEEPVPNSIGKSPDSVLVTASVKEAAEAF
LGFSYAPPTDSFL

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, RNAi-Ab, S-ELISA,
WB-Re, WB-Tr

(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

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 6446

Gene Symbol: SGK1

Gene Alias: SGK

Gene Summary: This gene encodes a serine/threonine protein kinase that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. High levels of expression of this gene may contribute to conditions such as hypertension and diabetic nephropathy. Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]