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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTK2B monoclonal antibody (M01), clone 1F9

Catalog Number: H00002185-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant PTK2B.

Clone Name: 1F9

Immunogen: PTK2B (AAH36651, 682 a.a. ~ 871 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

VYQMEKDIAMEQERNARYRTPKILEPTAFQEPPPKPS
RPKYRPPQTNLLAPKLQFQVPEGLCASSPTLTSPME
YSPVNSLHTPPLHRHNVFKRHSMREEDFIQPSREE
AQQLWEAEKVKMRQILDKQQKQMVEDYQWLRQEEK
SLDPMVYMNDKSPLTPEKEVGYLEFTGPPQKPPRLGA
QSIQPTA

Host: Mouse

Reactivity: Human

Applications: ELISA, IP, S-ELISA, WB-Ce, 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: IgG2b 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: 2185

Gene Symbol: PTK2B

Gene Alias: CADTK, CAKB, FADK2, FAK2, FRNK, PKB, PTK, PYK2, RAFTK

Gene Summary: This gene encodes a cytoplasmic protein tyrosine kinase which is involved in calcium-induced regulation of ion channels and activation of the map kinase signaling pathway. The encoded protein may represent an important signaling intermediate between neuropeptide-activated receptors or neurotransmitters that increase calcium flux and the downstream signals that regulate neuronal activity. The encoded protein undergoes rapid tyrosine phosphorylation and activation in response to increases in the intracellular calcium concentration, nicotinic acetylcholine receptor activation, membrane depolarization, or protein kinase C activation. This protein has been shown to bind CRK-associated substrate, nephrocystin, GTPase regulator associated with FAK, and the SH2 domain of GRB2. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Four transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]