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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTK2 monoclonal antibody (M01), clone 2C3

Catalog Number: H00005747-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant PTK2.

Clone Name: 2C3

Immunogen: PTK2 (AAH28733, 355 a.a. ~ 490 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
EGFYPSPQHMVQTNHYQVSGYPGSHGITAMAGSIYP
GQASLLDQTDSWNHRPQEIAMWQPNVEDSTVLDLRG
IGQVLPTHLMEERLIRQQQEMEEDQRWLEKEERFLKP
DVRLSRGSIDREDGSLQGPIGNQHIYQ

Host: Mouse

Reactivity: Human

Applications: ELISA, IP, PLA-Ce, S-ELISA, WB-Ce, WB-Re
(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: 5747

Gene Symbol: PTK2

Gene Alias: FADK, FAK, FAK1, pp125FAK

Gene Summary: This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. At least four transcript variants encoding four different isoforms have been found for this gene, but the full-length natures of only two of them have been determined. [provided by RefSeq]

References:

1. JNK Pathway-associated Phosphatase Dephosphorylates Focal Adhesion Kinase and Suppresses Cell Migration. Li JP, Fu YN, Chen YR, Tan TH. J Biol Chem. 2010 Feb 19;285(8):5472-8. Epub 2009 Dec 14.