



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTK2 monoclonal antibody (M03), clone 1D7

Catalog # : H00005747-M03

規格 : [50 ug]

[List All](#)

Specification

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

Description:

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: EGFYPSQHMVQTNHYQVSGYPGSHGITAMAGSIYPGQASLLDQTDSW
NHRPQEIAMWQPNVEDSTVLDLRGIGQVLPTLMEERLIRQQQEMEEDQ
RWLEKEERFLKPDVRLSRGSIDREDGSLQGPIGNQHIYQ

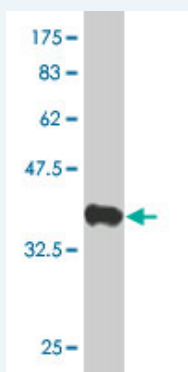
Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.

Testing:



Western Blot detection against Immunogen (40.59 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

Instruction:

MSDS: [Download](#)

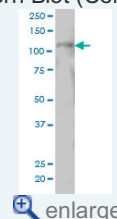
Datasheet: [Download](#)

Applications

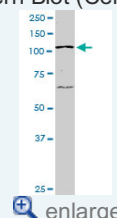
Western Blot (Cell lysate)

Application Image

Western Blot (Cell lysate)

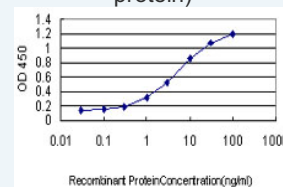


Western Blot (Cell lysate)



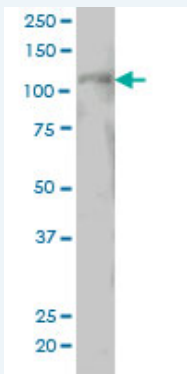
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

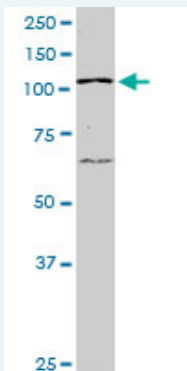
ELISA



PTK2 monoclonal antibody (M03), clone 1D7 Western Blot analysis of PTK2 expression in HeLa S3 NE (Cat # L013V3).

[Protocol Download](#)

Western Blot (Cell lysate)



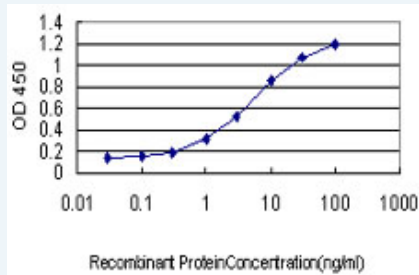
PTK2 monoclonal antibody (M03), clone 1D7. Western Blot analysis of PTK2 expression in Jurkat(Cat # L017V1).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PTK2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5747](#)

GeneBank [BC028733](#)

Accession#:

Protein [AAH28733](#)

Accession#:

Gene Name: PTK2

Gene Alias: FADK,FAK,FAK1,pp125FAK

Gene PTK2 protein tyrosine kinase 2

Description:

Omim ID: [600758](#)

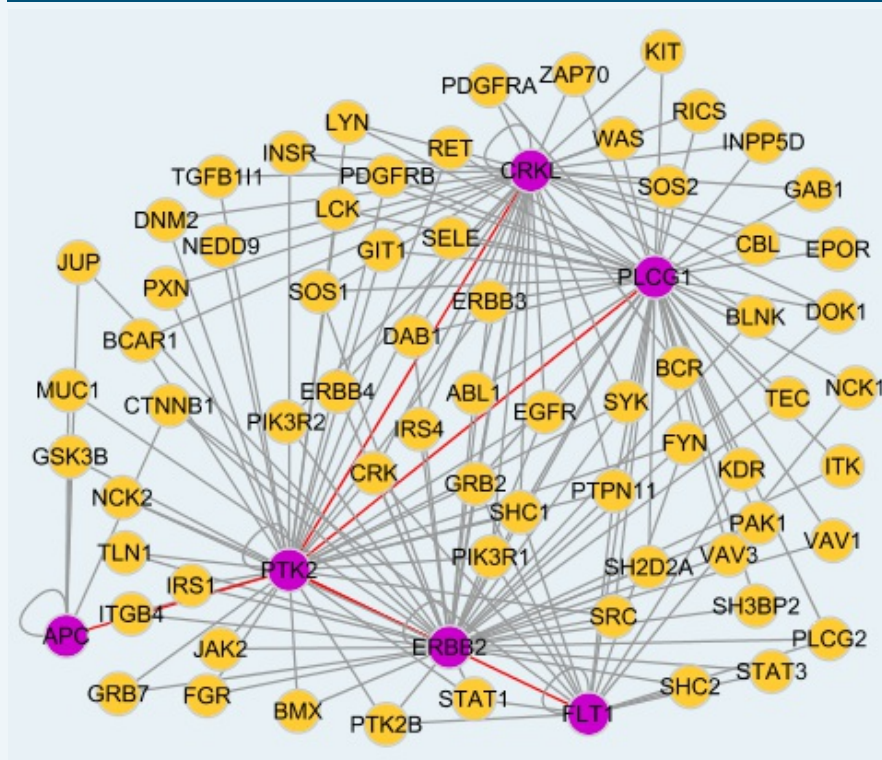
Gene Ontology: [Hyperlink](#)

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]

Other focal adhesion kinase 1

Designations:

Interactome



Gene Pathway

[Axon guidance](#) [Chemokine signaling pathway](#) [ErbB signaling pathway](#) [Focal adhesion](#) [Leukocyte transendothelial migration](#) [Pathways in cancer](#) [Regulation of actin cytoskeleton](#) [Small cell lung cancer](#) [VEGF signaling pathway](#)

Related Disease

[Autistic Disorder](#) [Genetic Predisposition to Disease](#) [HIV Infections](#) [Leukemia, chronic myeloid](#) [Leukemia, Myelogenous, Chronic, BCR-ABL Positive](#) [Mental Retardation](#) [Neovascularization, Pathologic](#) [Psychotic Disorders](#) [Schizophrenia](#)