



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## PTK6 monoclonal antibody (M01), clone 2F11

Catalog # : H00005753-M01

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant PTK6.

**Immunogen:** PTK6 (NP\_005966, 342 a.a. ~ 451 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:** YLSHDHNIPYKWTAPEALSRGHYSTKSDVWSFGILLHEMFSRGQVPYPG  
MSNHEAFLRVLDAGYRMPCLPCPPSVHKLMLTCWCIRDPEQRPCFKALR  
ERLSSFTSYENPT

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG2b Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.

**Storage Buffer:** In 1x PBS, pH 7.4

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

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

### Publication Reference

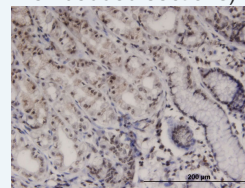
1. [Additive impact of HER2-/PTK6-RNAi on interactions with HER3 or IGF-1R leads to reduced breast cancer progression in vivo.](#)  
Falkenberg N, Anastasov N, Bashkueva K, Lindner K, Hofler H, Rosemann M, Aubele M. *Molecular Oncology* (2014) doi:10.1016/j.molonc.2014.08.012
2. [Olive Phenolics as c-Met Inhibitors: \(-\)-Oleocanthal Attenuates Cell Proliferation, Invasiveness, and Tumor Growth in Breast Cancer Models.](#)  
Akl MR, Ayoub NM, Mohyeldin MM, Busnena BA, Foudah AI, Liu YY, Sayed KAPLoS One. 2014 May 21;9(5):e97622. doi: 10.1371/journal.pone.0097622. eCollection 2014.


### Applications

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)**

### Application Image

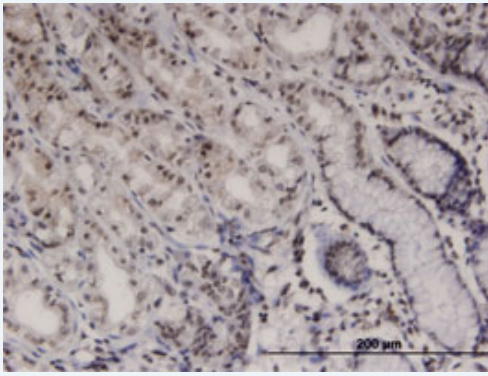
Immunohistochemistry  
(Formalin/PFA-fixed paraffin-  
embedded sections)



 [enlarge](#)

Sandwich ELISA (Recombinant  
protein)

ELISA



[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to PTK6 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PTK6 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

#### ELISA

#### Gene Information

Entrez GeneID: [5753](#)

GeneBank Accession#: [NM\\_005975](#)

Protein Accession#: [NP\\_005966](#)

Gene Name: PTK6

Gene Alias: BRK,FLJ42088

Gene Description: PTK6 protein tyrosine kinase 6

Omim ID: [602004](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. Overexpression of this gene in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression of this gene has been detected at low levels in some breast tumors but not in normal breast tissue. The encoded protein has been shown to undergo autophosphorylation. [provided by RefSeq]

Other Designations: OTTHUMP00000031656,breast tumor kinase,protein-tyrosine kinase BRK

#### Related Disease

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