



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## BRAF monoclonal antibody (M11), clone 2F6

Catalog # : H00000673-M11

規格 : [ 100 ug ]

[List All](#)

### Specification

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

**Immunogen:** BRAF (NP\_004324, 138 a.a. ~ 231 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

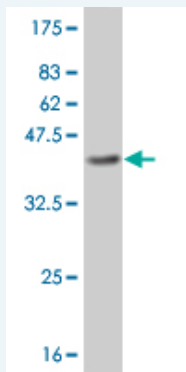
**Sequence:** FQNPTDVARSNPKSPQKPIVRVFLPNKQRTVVPARCGVTVRDSLKALM MRGLIPECCAVYRIQDGEKKPIGWDTDISWLTGEELHVEVLENP

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG2a Kappa

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



Western Blot detection against Immunogen (36.34 KDa) .

**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](#)

### Applications

**Western Blot (Recombinant protein)**

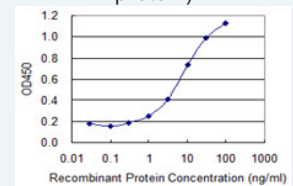
[Protocol Download](#)

**Sandwich ELISA (Recombinant protein)**

### Application Image

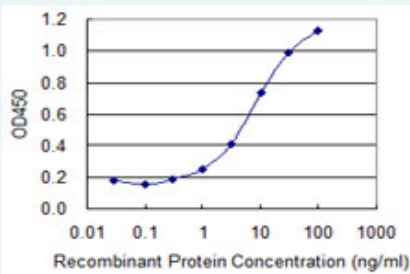
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged BRAF is 0.1 ng/ml as a capture antibody.

 [Protocol Download](#)

## ELISA

### Gene Information

Entrez GeneID: [673](#)

GeneBank [NM\\_004333](#)

Accession#:

Protein [NP\\_004324](#)

Accession#:

Gene Name: BRAF

Gene Alias: B-RAF1, BRAF1, FLJ95109, MGC126806, MGC138284, RAFB1

Gene v-raf murine sarcoma viral oncogene homolog B1

Description:

Omim ID: [115150](#), [164757](#), [211980](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a protein belonging to the raf/mil family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERKs signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene are associated with cardiofaciocutaneous syndrome, a disease characterized by heart defects, mental retardation and a distinctive facial appearance. Mutations in this gene have also been associated with various cancers, including non-Hodgkin lymphoma, colorectal cancer, malignant melanoma, thyroid carcinoma, non-small cell lung carcinoma, and adenocarcinoma of lung. A pseudogene, which is located on chromosome X, has been identified for this gene. [provided by RefSeq]

**Other Designations:** 94 kDa B-raf protein, B-Raf proto-oncogene serine/threonine-protein kinase (p94), Murine sarcoma viral (v-raf) oncogene homolog B1

### Gene Pathway

[Acute myeloid leukemia](#) [Bladder cancer](#) [Chemokine signaling pathway](#)  
[Chronic myeloid leukemia](#) [Colorectal cancer](#) [Endometrial cancer](#) [ErbB signaling pathway](#)  
[Focal adhesion](#) [Glioma](#) [Insulin signaling pathway](#) [Long-term depression](#)  
[Long-term potentiation](#) [MAPK signaling pathway](#) [Melanoma](#) [mTOR signaling pathway](#)  
[Natural killer cell mediated cytotoxicity](#) [Neurotrophin signaling pathway](#)  
[Non-small cell lung cancer](#) [Pancreatic cancer](#) [Pathways in cancer](#) [Prostate cancer](#)  
[Regulation of actin cytoskeleton](#) [Renal cell carcinoma](#) [Thyroid cancer](#)  
[Vascular smooth muscle contraction](#)

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[Adenocarcinoma, Mucinous](#) [Adenocarcinoma, Papillary](#) [Adenoma](#) [Adenoma, Oxyphilic](#)  
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[Carcinoma, Non-Small-Cell Lung Carcinoma, Papillary](#)

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