



# 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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## BRAF monoclonal antibody (M10), clone 1H7

Catalog # : H00000673-M10

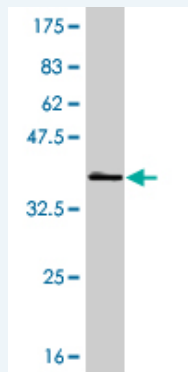
規格 : [ 100 ug ]

List All

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant BRAF.
<b>Immunogen:</b>	BRAF (NP_004324, 138 a.a. ~ 231 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	FQNPTDVARSNPKSPQKPIVRVFLPNKQRTVVPARCGVTVRDSLKKALM MRGLIPECCAVYRIQDGEKKPIGWDTDISWLTGEELHVEVLENP
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	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)**

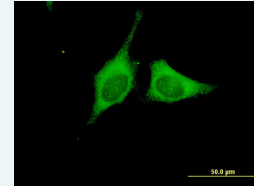
[Protocol Download](#)

**Immunofluorescence**

### Application Image

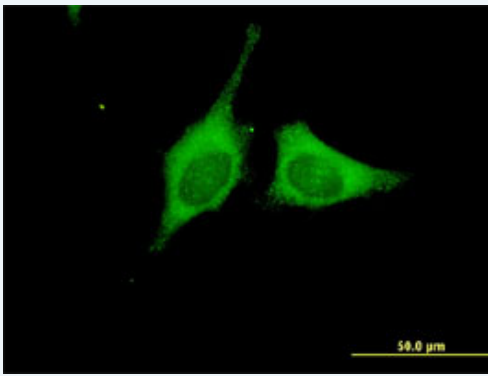
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

ELISA



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to BRAF on HeLa cell . [antibody concentration 20 ug/ml]

 [Protocol Download](#)

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## ELISA

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## Gene Information

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

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## Gene Pathway

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[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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## Related Disease

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[Abnormalities, Multiple Adenocarcinoma](#) [Adenocarcinoma, Follicular](#)  
[Adenocarcinoma, Mucinous Adenocarcinoma, Papillary Adenoma](#) [Adenoma, Oxyphilic](#)  
[Adrenal Cortex Neoplasms](#) [Alcoholism](#) [Articulation Disorders](#) [Astrocytoma](#) [Brain Neoplasms](#)  
[Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Carcinoma, Basal Cell](#) [Carcinoma, Medullary](#)  
[Carcinoma, Non-Small-Cell Lung](#) [Carcinoma, Papillary](#)

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