

## Raf-B Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA1089
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of Raf-B expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Serine,threonine-protein kinase B-raf
<b>Synonyms</b>	BRAF; BRAF1; RAFB1; Serine; threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

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.

### Recommended Dilution

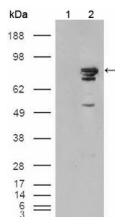
ELISA: 1:10000

IHC: 1:200 - 1:1000

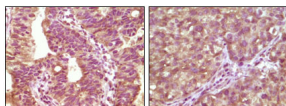
WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using Raf-B Monoclonal antibody against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY Raf cDNA (2).



Immunohistochemistry analysis of paraffin-embedded human bladder carcinoma tissue(left) and lung carcinoma tissue (right) showing cytoplasmic localization with DAB staining using Raf-B Monoclonal antibody.

### Storage

-20°C for one year

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