

Anti-BRAF (4E1) Mouse Monoclonal Antibody

Introduction

Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Frequently mutated in thyroid cancers, skin melanomas and at lower frequency in a wide range of human cancers. An activating mutation, mimicking phosphorylation of the activation loop, is seen in 60% of malignant melanoma samples. Raf mutations are generally exclusive to Ras activating mutations.

Product parameters

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|-------------------|--|
| Alternative Names | BRAF; BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1 |
| Gene ID | 673 |
| Gene Name | BRAF |
| SwissProt ID | P15056 |
| Host | Mouse |
| Reactivity | Human, Mouse |
| Molecular Weight | Calculated MW: 84 kDa; Observed MW: 87 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG2a |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-13E11B8 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Not Free |
| Immunogen | Purified recombinant human B Raf protein fragments expressed in E.coli. |
| Purification | Affinity Purified |
| Buffer System | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |
| Application | WB |
| Dilution Ratio | WB: 1/500-1/1000 |
| Research Field | Cell Biology |

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|--------------------|----------------------------------|
| Product Categories | Primary antibody |
| Shipping | Blue ice |
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |



Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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