

## Mouse Raf-1 Monoclonal Antibody | anti-Raf-1 antibody

mAb anti-human Raf-1

|                              |                      |                                               |                                     |
|------------------------------|----------------------|-----------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA77910</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human. Others not tested</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|----------------------|-----------------------------------------------|-------------------------------------|

### PRODUCT SYNONYMS

Raf-1; Monoclonal Antibody; mAb anti-human Raf-1; Mouse monoclonal antibody to human Raf-1; anti-Raf-1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                 |
| Reactivity                                      | Human. Others not tested                                                              |
| Clonality                                       | Monoclonal                                                                            |
| Isotype                                         | IgG1,k                                                                                |
| Clone Number                                    | 410                                                                                   |
| Specificity                                     | Reactive to Raf-1 N-terminal (1-240 a. a.)                                            |
| Purity/Purification                             | Protein G affinity purified                                                           |
| Form/Format                                     | Lyophilized from a solution in 0.01M PBS, pH 7.2                                      |
| Sequence Length                                 | 421                                                                                   |
| Applicable Applications for anti-Raf-1 antibody | WB (Western Blot)                                                                     |
| Product Type                                    | Primary antibody                                                                      |
| Target Protein                                  | Human Raf-1                                                                           |
| Immunogen                                       | Purified recombinant Raf-1 (mw:75kDa)                                                 |
| Myeloma                                         | Sp2/0-Ag14                                                                            |
| Reconstitution                                  | Double distilled water is recommended to adjust the final concentration to 1.00mg/mL. |
| Research Area                                   | Cell differentiation, oncology                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                 |

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Related Product Information for anti-Raf-1 antibody | <p>Raf-1 is a serine/threonine protein kinase in the mitogen-activated protein kinase (MAPK) pathway. When extracellular signal binds to the G-protein coupled membrane receptor, Ras binds to GTP and phosphorylates Raf. The activated Raf phosphorylates MAPK kinase, which consecutively, activates MAPK. MAPK triggers the transcription of a wide spectrum of genes involved with cell growth and differentiation by activating transcription factors such as C-myc and CREB. MAPK also regulates translation by phosphorylating RSK, a ribosomal protein 6S kinase.</p> <p>Gene for Raf-1 is located on chromosome 3. The mutations on Raf-1 may relate to some rare but severe diseases such as Noonan syndrome and Leopard syndrome.</p> |
| Product Categories/Family for anti-Raf-1 antibody   | <a href="#">Primary antibody</a> ; <a href="#">Monoclonal Antibodies to Signal Transduction</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 496091                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 5894                                                                                                                                                                                                                                         |
| NCBI Official Full Name          | RAF1, partial                                                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | Raf-1 proto-oncogene, serine/threonine kinase                                                                                                                                                                                                |
| NCBI Official Symbol             | RAF1                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | NS5; CRAF; Raf-1; c-Raf; CMD1NN                                                                                                                                                                                                              |
| NCBI Protein Information         | RAF proto-oncogene serine/threonine-protein kinase; C-Raf proto-oncogene, serine/threonine kinase; Oncogene RAF1; proto-oncogene c-RAF; raf proto-oncogene serine/threonine protein kinase; v-raf-1 murine leukemia viral oncogene homolog 1 |
| UniProt Protein Name             | RAF proto-oncogene serine/threonine-protein kinase                                                                                                                                                                                           |
| UniProt Gene Name                | RAF1                                                                                                                                                                                                                                         |
| UniProt Entry Name               | RAF1_HUMAN                                                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/raf-1-antibody-clone-410-western-blot-elisa/77910>