

## Mouse anti-Human NEK4 Monoclonal Antibody | anti-NEK4 antibody

Mouse monoclonal antibody Anti-Human NEK4

|                              |                      |                            |                                 |
|------------------------------|----------------------|----------------------------|---------------------------------|
| CATALOG #<br><b>AAA36476</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Dot Blot</b> |
|------------------------------|----------------------|----------------------------|---------------------------------|

### PRODUCT SYNONYMS

NEK4; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human NEK4; Homo sapiens NIMA (never in mitosis gene a)-related kinase 4 ; NRK2; STK2; pp12301; MGC33171; anti-NEK4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                              |
| Reactivity                                     | Human                                                                                                                                                                                              |
| Clonality                                      | Monoclonal                                                                                                                                                                                         |
| Isotype                                        | IgG1                                                                                                                                                                                               |
| Clone Number                                   | 2631C1a                                                                                                                                                                                            |
| Concentration                                  | 100 ug/ml (1.0 ml) (varies by lot)                                                                                                                                                                 |
| Sequence Length                                | 3745                                                                                                                                                                                               |
| Applicable Applications for anti-NEK4 antibody | DB (Dot Blot)                                                                                                                                                                                      |
| Preparation                                    | This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum. |
| Sterility                                      | Filtered through a 0.22 um membrane.                                                                                                                                                               |

### IMAGES



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-NEK4 monoclonal antibody.

### ADDITIONAL INFORMATION

|                                                    |                                                                                        |
|----------------------------------------------------|----------------------------------------------------------------------------------------|
| Related Product Information for anti-NEK4 antibody | Seems to act exclusively upon threonine residues (By similarity). [UniProtKB Function] |
|----------------------------------------------------|----------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 302058310   |
| NCBI GeneID      | 6787        |
| NCBI Accession # | NP_003148.2 |

|                                  |                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_003157</a>                                                                                                                                                                                                                                                                                                                         |
| Molecular Weight                 | 84,348 Da                                                                                                                                                                                                                                                                                                                                         |
| NCBI Official Full Name          | Homo sapiens NIMA-related kinase 4 (NEK4), transcript variant 1, mRNA                                                                                                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | NIMA-related kinase 4                                                                                                                                                                                                                                                                                                                             |
| NCBI Official Symbol             | NEK4                                                                                                                                                                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | NRK2; STK2; pp12301                                                                                                                                                                                                                                                                                                                               |
| NCBI Protein Information         | serine/threonine-protein kinase Nek4; NIMA (never in mitosis gene a)-related kinase 4; never in mitosis A-related kinase 4; nimaA-related protein kinase 4; serine/threonine kinase 2; serine/threonine protein kinase-2; serine/threonine-protein kinase 2; serine/threonine-protein kinase NRK2; serine/threonine-protein kinase Nek4 variant 2 |
| UniProt Protein Name             | Serine/threonine-protein kinase Nek4                                                                                                                                                                                                                                                                                                              |
| UniProt Gene Name                | <b>NEK4</b>                                                                                                                                                                                                                                                                                                                                       |
| UniProt Entry Name               | NEK4_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/nek4-antibody-clone-2631c1a-dot-blot-elisa/36476>