

## Datasheet: AHP2329

|                      |                     |
|----------------------|---------------------|
| <b>Description:</b>  | RABBIT ANTI M3K11   |
| <b>Specificity:</b>  | M3K11               |
| <b>Format:</b>       | Purified            |
| <b>Product Type:</b> | Polyclonal Antibody |
| <b>Isotype:</b>      | Polyclonal IgG      |
| <b>Quantity:</b>     | 50 µg               |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ■   |    |                | 0.5 - 4.0 ug/ml    |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

|                                       |                                                                                                                                                                                                                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>                 | Human                                                                                                                                                                                                                                                                                              |
| <b>Species Cross Reactivity</b>       | Based on sequence similarity, is expected to react with: Mouse, Rat<br><b>N.B.</b> Antibody reactivity and working conditions may vary between species.                                                                                                                                            |
| <b>Product Form</b>                   | Purified IgG - liquid                                                                                                                                                                                                                                                                              |
| <b>Buffer Solution</b>                | Phosphate buffered saline                                                                                                                                                                                                                                                                          |
| <b>Preservative Stabilisers</b>       | 50% Glycerol<br>1% Bovine Serum Albumin<br>0.02% Thiomersal                                                                                                                                                                                                                                        |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.5 mg/ml                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>                      | Synthetic peptide mapping to the C-terminus of human M3K11                                                                                                                                                                                                                                         |
| <b>External Database Links</b>        | <b>UniProt:</b><br><a href="http://www.uniprot.org/entry/Q16584">Q16584</a> <a href="#">Related reagents</a><br><br><b>Entrez Gene:</b><br><a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&amp;db=PubMed&amp;list_uids=4296">4296</a> MAP3K11 <a href="#">Related reagents</a> |
| <b>Synonyms</b>                       | MLK3, PTK1, SPRK                                                                                                                                                                                                                                                                                   |

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>                   | <b>Rabbit anti M3K11 antibody</b> recognizes a region close to the carboxy terminus of human Mitogen-activated protein kinase kinase kinase 11 also known as M3K11, Mixed lineage kinase 3, MLK3 or Src-homology 3 domain-containing proline-rich kinase. M3K11 is a serine/threonine kinase involved in the p38 stress pathway. It may also have a role in the immune and inflammatory response when stimulated by CD3/CD28. |
| <b>Western Blotting</b>              | Rabbit anti M3K11 antibody recognizes a band of approximately 92 kDa in HeLa lysates                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>                       | Store at -20°C<br>Storage in frost-free freezers is not recommended.<br>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.                                                                                                                                                |
| <b>Shelf Life</b>                    | 12 months from date of despatch                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10585 available at:<br>10585: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10585.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10585.pdf</a>                                                                                                                                                                                                                      |
| <b>Regulatory</b>                    | For research purposes only                                                                                                                                                                                                                                                                                                                                                                                                    |

## Related Products

### Recommended Secondary Antibodies

|                                         |                                                                                                                                                        |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sheep Anti Rabbit IgG (STAR34...)       | <a href="#">FITC</a>                                                                                                                                   |
| Sheep Anti Rabbit IgG (STAR35...)       | <a href="#">RPE</a>                                                                                                                                    |
| Goat Anti Rabbit IgG (H/L) (STAR124...) | <a href="#">HRP</a>                                                                                                                                    |
| Goat Anti Rabbit IgG (Fc) (STAR121...)  | <a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>                                                                                    |
| Sheep Anti Rabbit IgG (2AB02...)        | <a href="#">Biotin</a>                                                                                                                                 |
| Sheep Anti Rabbit IgG (STAR36...)       | <a href="#">DyLight®488</a> , <a href="#">DyLight®549</a> , <a href="#">DyLight®649</a> ,<br><a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> |

|                                  |                                                                                                                                         |                  |                                                                                                                                                 |               |                                                                                                                                                     |
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'M286233:160504'

**Printed on 30 Apr 2018**