

## Datasheet: VPA00204

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | RABBIT ANTI MARCKS      |
| <b>Specificity:</b>  | MARCKS                  |
| <b>Format:</b>       | Purified                |
| <b>Product Type:</b> | PrecisionAb™ Polyclonal |
| <b>Isotype:</b>      | Polyclonal IgG          |
| <b>Quantity:</b>     | 100 µl                  |

## 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 | ▪   |    |                | 1/1000             |

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

|                                 |   |
|---------------------------------|---|
| <b>Target Species</b>           | Human   |
| <b>Species Cross Reactivity</b> | Reacts with: Mouse<br><b>N.B.</b> Antibody reactivity and working conditions may vary between species.  |
| <b>Product Form</b>             | Purified IgG - liquid   |
| <b>Preparation</b>              | Rabbit Ig fraction prepared by ammonium sulphate precipitation  |
| <b>Buffer Solution</b>          | Phosphate buffered saline   |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> )  |
| <b>Immunogen</b>                | KLH conjugated synthetic peptide between 241-271 amino acids from the C-terminal region of human MARCKS   |
| <b>External Database Links</b>  | <p><b>UniProt:</b><br/> <a href="#">P29966</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">4082</a>    MARCKS    <a href="#">Related reagents</a></p> |
| <b>Synonyms</b>                 | MACS, PRKCSL  |

|                                      |   |
|--------------------------------------|---|
| <b>Specificity</b>                   | <b>Rabbit anti Human MARCKS antibody</b> recognizes the myristoylated alanine-rich C-kinase substrate (MARCKS), also known as protein kinase C substrate, 80 kDa protein, light chain, 80K-L protein and PKCSL.<br><br>MARCKS is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, leading to its presence in the cytoplasm. MARCKS is thought to be involved in cell motility, phagocytosis, membrane trafficking and mitogenesis (provided by RefSeq, Jul 2008).<br><br>Rabbit anti Human MARCKS antibody detects a band of 80 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. |
| <b>Western Blotting</b>              | Anti MARCKS detects a band of approximately 80 kDa in HEK293 cell lysates   |
| <b>Instructions For Use</b>          | Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.   |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles.   |
| <b>Shelf Life</b>                    | As supplied, 12 months from date of despatch.   |
| <b>Acknowledgements</b>              | PrecisionAb™ is a trademark of Bio-Rad Laboratories.  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>  |
| <b>Regulatory</b>                    | For research purposes only  |

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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