

## 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

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** 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 dependent on sample type.

#### Target Species

Human

#### Species Cross Reactivity

Reacts with: Mouse  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### Product Form

Purified IgG - liquid

#### Preparation

Rabbit Ig fraction prepared by ammonium sulphate precipitation

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

#### Immunogen

KLH conjugated synthetic peptide between 241-271 amino acids from the C-terminal

region of human MARCKS

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**External Database****Links****UniProt:**[P29966](#)[Related reagents](#)**Entrez Gene:**[4082](#)

MARCKS

[Related reagents](#)

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**Synonyms**

MACS, PRKCSL

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**Specificity**

**Rabbit anti Human MARCKS antibody** 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.

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).

Rabbit anti Human MARCKS antibody detects a band of 80 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti MARCKS detects a band of approximately 80 kDa in HEK293 cell lysates

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:  
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M370570:200529'

Printed on 22 Mar 2021

