

Datasheet: VMA00004

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|----------------------|-------------------------------------|
| Description: | MOUSE ANTI PROTEIN GENE PRODUCT 9.5 |
| Specificity: | PROTEIN GENE PRODUCT 9.5 |
| Other names: | PGP 9.5, UCHL1 |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Clone: | 31A3 |
| Isotype: | IgG1 |
| Quantity: | 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.

| | 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: Rat

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

Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

| | |
|---------------------------------------|--|
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 0.5 mg/ml |
| Immunogen | Native PGP9.5 from brain |
| External Database Links | <p>UniProt: P09936 Related reagents</p> <p>Entrez Gene: 7345 UCHL1 Related reagents</p> |
| Specificity | <p>Mouse anti Human protein gene product 9.5 antibody recognizes protein gene product 9.5 (PGP9.5), a ubiquitin hydrolase which is widely expressed in neuronal tissues and represents 1-2% of total soluble brain proteins. PGP9.5, also known as ubiquitin C-terminal hydrolase 1 (UCHL-1), is involved in the regulation of the ubiquitin pathway.</p> <p>Mouse anti Human protein gene product 9.5 antibody stains neuronal cell bodies and axons in the CNS and periphery, small nerve fibres in peripheral tissues, neuroendocrine cells in the pituitary, thyroid, pancreas and tumours of the DNES.</p> |
| Western Blotting | Anti protein gene product 9.5 antibody detects a band of approximately 25 kDa in Raji cell lysates. |
| Storage | Store undiluted at -20°C, avoiding repeated freeze thaw cycles. |
| Guarantee | 12 months from date of despatch |
| Acknowledgements | PrecisionAb is a trademark of Bio-Rad Laboratories. |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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
'M377209:210216'

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