

## Product Datasheet

### Anti-PGP9.5 Antibody (orb1474026)

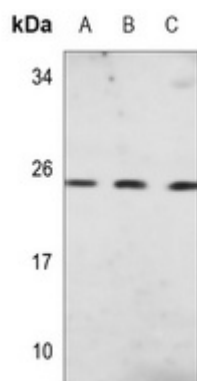
|                            |   |
|----------------------------|---|
| <b>Description</b>         | Mouse monoclonal antibody to PGP9.5   |
| <b>Species/Host</b>        | Mouse   |
| <b>Reactivity</b>          | Human, Rat  |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Tested Applications</b> | IH, WB  |
| <b>Immunogen</b>           | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PGP9.5. The exact sequence is proprietary.   |
| <b>Target</b>              | UCHL1   |
| <b>Preservatives</b>       | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.  |
| <b>Form/Appearance</b>     | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.  |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>                | For research use only   |
| <b>Clonality</b>           | Monoclonal  |
| <b>Source</b>              | Mouse   |
| <b>Uniprot ID</b>          | <b>Q00981, P09936</b>   |
| <b>Entrez</b>              | <b>29545, 7345</b>  |
| <b>Dilution Range</b>      | WB (1/500 - 1/1000), IH (1/50 - 1/200)  |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |

**Biorbyt Ltd.**

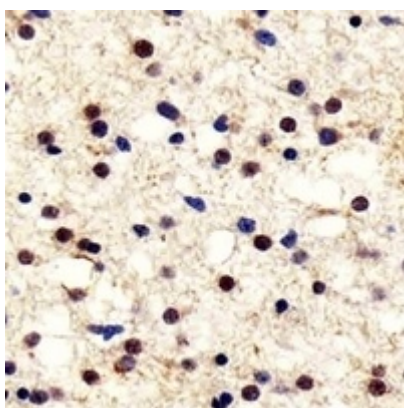
7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



Western blot analysis of PGP9.5 expression in 293T (A), NCIH1299 (B), PC12 (C) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 25 kD)



Immunohistochemical analysis of PGP9.5 staining in human astroglioma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Biorbyt Ltd.**

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)