

## Product Datasheet

### Phosphotyrosine antibody (Biotin) (orb108673)

**Description**

Mouse monoclonal antibody to

|                            |  |
|----------------------------|--|
| <b>Species/Host</b>        | Mouse  |
| <b>Reactivity</b>          | All  |
| <b>Conjugation</b>         | Biotin   |
| <b>Tested Applications</b> | ELISA, IHC-P, IP, WB   |
| <b>Preservatives</b>       | Provided as a solution containing PBS, 65% glycerol and 0.08% sodium azide.  |
| <b>Form/Appearance</b>     | Provided as a solution containing PBS, 65% glycerol and 0.08% sodium azide.  |
| <b>Concentration</b>       | See vial for concentration   |
| <b>Storage</b>             | Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles   |
| <b>Note</b>                | For research use only  |
| <b>Application notes</b>   | The biotin conjugate of clone PY20 anti-phosphotyrosine is especially useful for the detection of phosphotyrosyl proteins in western blotting, immunohistochemical and immunocytochemical protocols in situations wherein the use of a secondary antibody would produce unacceptable background signals. In addition, the strength of the biotin-streptavidin interaction and the immense variety of streptavidin-coupled probes available make PY20-biotin a very versatile reagent. A dilution of 1:5,000 is suggested for western blot or ELISA, 1:500 for immunohistochemistry or immunocytochemistry. |
| <b>Isotype</b>             | IgG2b  |
| <b>Clonality</b>           | Monoclonal   |
| <b>Source</b>              | Hybridoma produced from Balb/C mice immunized with phosphotyrosine coupled to carrier protein.   |
| <b>Uniprot ID</b>          | N/A  |
| <b>Hazard Information</b>  | This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals.   |

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive<br>Research Triangle Park<br>Durham, North Carolina<br>27709, United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558