

## Product Datasheet

### Phosphotyrosine antibody (orb147708)

|                            |                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Mouse monoclonal to Phosphotyrosine (PerCP). Protein phosphorylation is an important posttranslation...                                                                                                      |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                        |
| <b>Reactivity</b>          | All                                                                                                                                                                                                          |
| <b>Conjugation</b>         | PerCP                                                                                                                                                                                                        |
| <b>Tested Applications</b> | ICC, IHC, IP, WB                                                                                                                                                                                             |
| <b>Immunogen</b>           | Phosphotyrosine, alanine and glycine in a 1:1:1 ratio polymerized in the presence of keyhole limpet hemocyanin with 1-ethyl-3-(3'-dimethylaminopropyl) carbodiimide                                          |
| <b>Target</b>              | Phosphotyrosine                                                                                                                                                                                              |
| <b>Preservatives</b>       | PBS pH 7.4, 50% glycerol, 0.09% sodium azide *Storage buffer may change when conjugated                                                                                                                      |
| <b>Concentration</b>       | 1 mg/ml                                                                                                                                                                                                      |
| <b>Storage</b>             | Conjugated antibodies should be stored at 4°C                                                                                                                                                                |
| <b>Note</b>                | For research use only                                                                                                                                                                                        |
| <b>Application notes</b>   | 1 µg/ml of SMC-174 was sufficient for detection of phosphorylated tyrosine residues in 10 µg of rat tissue lysate by colorimetric immunoblot analysis using Goat anti-rat IgG:HRP as the secondary antibody. |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                                         |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                                   |
| <b>Dilution Range</b>      | WB (1:1000), IHC (1:100)                                                                                                                                                                                     |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                              |