

## Product Datasheet

# Pertuzumab Human Monoclonal Antibody (orb2977954)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb2977954   |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | Pertuzumab is a research-grade recombinant antibody targeting CD340. Produced in mammalian cells with native-like glycosylation. Highlights Research Grade: For PK/PD studies, assay development, and ADA research. Native Glycosylation: Mammalian expression ensures native-like patterns. |
| <b>Clonality</b>            | Monoclonal   |
| <b>Species/Host</b>         | Human Humanized  |
| <b>Isotype</b>              | IgG1-kappa   |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human  |
| <b>Form/Appearance</b>      | Liquid   |
| <b>Concentration</b>        | Lot dependent  |
| <b>Buffer/Preservatives</b> | 0.01M PBS, pH 7.4.   |
| <b>Purity</b>               | >95% purity as determined by SDS-PAGE.   |
| <b>Purification</b>         | Protein A/G purified from cell culture supernatant.  |
| <b>UniProt ID</b>           | <b>P04626</b>  |
| <b>Tested applications</b>  | ELISA, FA, FACS, In vivo   |

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

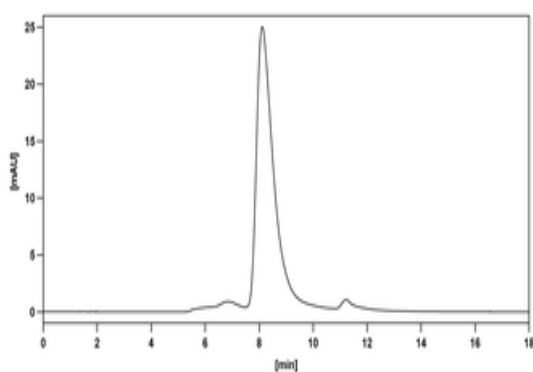
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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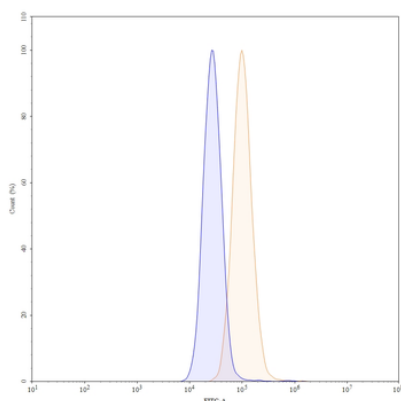
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

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

|                          |   |
|--------------------------|---|
| <b>Antibody Type</b>     | Biosimilar Antibody   |
| <b>Expression System</b> | Mammalian Cells   |
| <b>Endotoxins</b>        | Please contact with the lab for this information.   |
| <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>Expiration Date</b>   | 12 months from date of receipt.   |



Detects Human CD340/ERBB2/HER2 in indirect ELISAs.



Flow-cytometry using anti-human CD340 antibody. MCF-7 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human CD340 monoclonal antibody (Catalog orb2977954, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a Goat Anti-Human IgG H&L Polyclonal Antibody, FITC and cells analysed on a NovoCyte Flow Cytometer.

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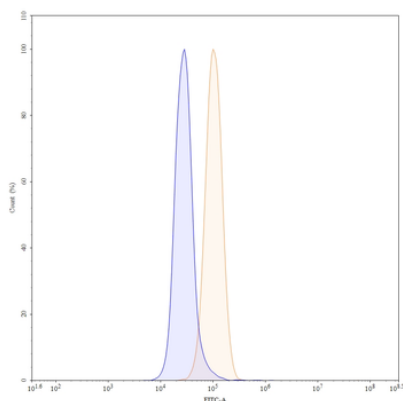
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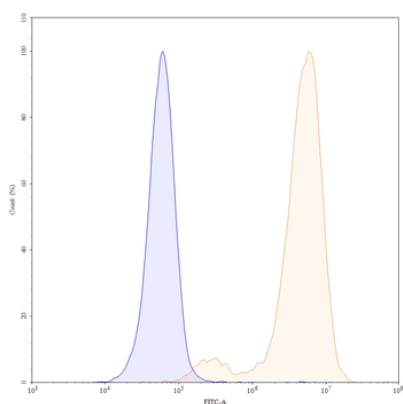
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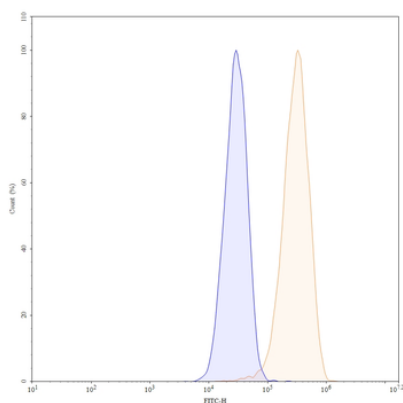
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Flow-cytometry using anti-human CD340 antibody. MDA-MB-231 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human CD340 monoclonal antibody (Catalog orb2977954, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a Goat Anti-Human IgG H&L Polyclonal Antibody, FITC and cells analysed on a NovoCyte Flow Cytometer.



Flow-cytometry using anti-human CD340 antibody. SK-BR-3 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human CD340 monoclonal antibody (Catalog orb2977954, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a Goat Anti-Human IgG H&L Polyclonal Antibody, FITC and cells analysed on a NovoCyte Flow Cytometer.



Flow-cytometry using FITC anti-human CD340 antibody. SK-BR-3 cells were stained with an irrelevant antibody (Blue Histogram) or an FITC anti-human CD340 monoclonal antibody (Catalog: orb2977954, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, and cells analysed on a NovoCyte Flow Cytometer.

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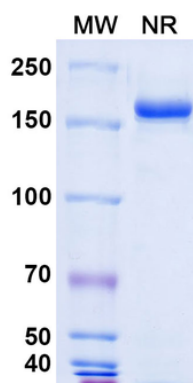
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SDS-PAGE for Research Grade Pertuzumab.

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