

Product Datasheet

mCherry Antibody (orb763362)

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|-----------------------------|---|
| Catalog Number | orb763362 |
| Category | Antibodies |
| Description | Rabbit polyclonal antibody to mCherry |
| Target | mCherry |
| Clonality | Polyclonal |
| Isotype | Rabbit polyclonal |
| Conjugation | Unconjugated |
| Concentration | 1 mg/ml |
| Buffer/Preservatives | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Purification | Purified by protein-A affinity chromatography. |
| Immunogen | mCherry protein from Anaplasma marginale |
| UniProt ID | X5DSL3 |
| Tested applications | FC, ICC, WB |
| Application notes | Flow cytometry: Recommended dilution: 1-4 µg/ml, extracellular staining or intracellular staining - depending on expression. Western blotting: Recommended dilution: 1-2 µg/ml. |
| Specificity | The rabbit polyclonal antibody PAb (918) recognizes a red fluorescent protein tag mCherry. |
| Antibody Type | Primary Antibody |

Biorbyt Ltd.

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

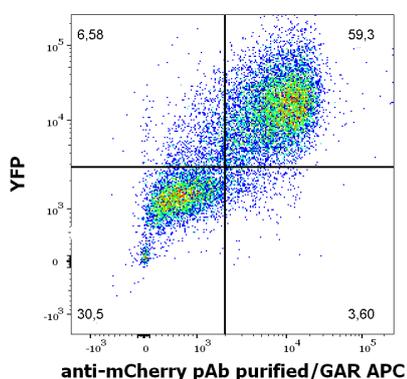
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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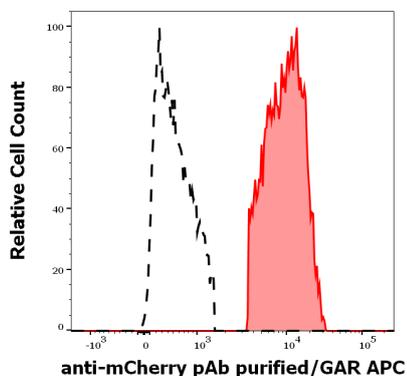
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

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

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|------------------------|---|
| Clone Number | PAb (918) |
| Storage | 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. |
| Note | For research use only |
| Entrez | 35 |
| Expiration Date | 12 months from date of receipt. |



Flow cytometry surface staining pattern of HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs stained using anti-mCherry Purified rabbit polyclonal antibody (concentration in sample 2 µg/ml, GAR APC).



Separation of HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs stained anti-mCherry Purified rabbit polyclonal antibody (concentration in sample 2 µg/ml, GAR APC, red-filled) from HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs unstained by primary polyclonal antibody (GAR APC, black-dashed) in flow cytometry analysis (surface staining) of HEK293T17/mCherry/YFP cell suspension.

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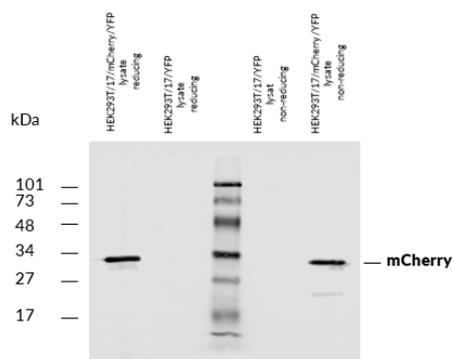
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Western blotting analysis of mCherry fluorescent protein using rabbit polyclonal PAb (918) on lysates of HEK293T/17 cells co-transfected with mCherry/GPI and YFP/GPI constructs (HEK293T/17 cells transfected with YFP/GPI; negative control) under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 2 $\mu\text{g}/\text{ml}$ of rabbit anti-mCherry polyclonal antibody followed by IRDye800-conjugated anti-rabbit secondary antibody. A specific band was detected for mCherry protein at approximately 30 kDa.

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