

## Product Datasheet

### Anti-His tag (C-term) [3D5] (orb256368)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb256368  |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | Human monoclonal antibody to His tag   |
| <b>Target</b>               | His tag (C-term)   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Species/Host</b>         | Mouse  |
| <b>Isotype</b>              | Mouse IgG2   |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Concentration</b>        | 1 mg/ml  |
| <b>Buffer/Preservatives</b> | PBS with 0.02% Proclin 300.  |
| <b>Purity</b>               | Purified   |
| <b>Immunogen</b>            | Purified his tagged Fab fragment.  |
| <b>Tested applications</b>  | ELISA, FACS, FC, WB  |
| <b>Specificity</b>          | This antibody binds to carboxy-terminal oligo-histidine tags (6x His tags) of fusion proteins. It also has affinity for internal His-tags but no affinity for N-terminal His-tags. |
| <b>Clone Number</b>         | 3D5  |
| <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.  |

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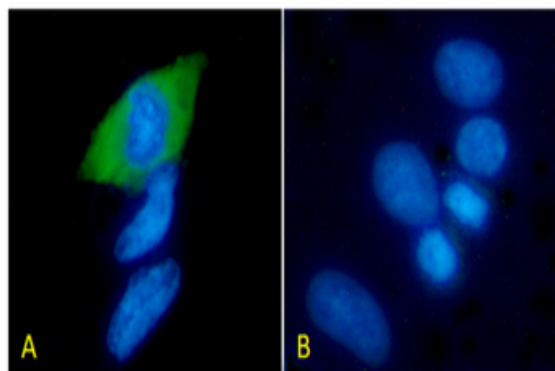
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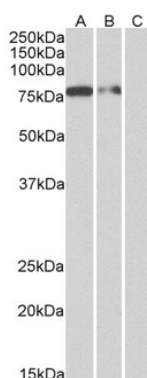
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**Note** For research use only

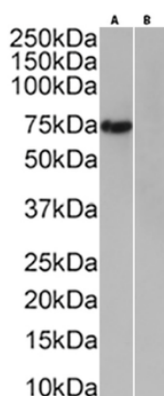
**Expiration Date** 12 months from date of receipt.



Immunofluorescence staining of HEK293 cells with Anti-His tag (C-term) 3D5. Immunofluorescence analysis of paraformaldehyde fixed HEK293 cells transfected with His tag expressing plasmid (A) and non-transfected HEK293 cells (B), permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of 3D5 (orb256373) (1:200 dilution) for 1h followed by Alexa Fluor® 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI (blue).



orb256366 (1 µg/ml, right panel) staining of Multitag protein at 25 ng (A), 10 ng (B) and 5 ng (C) amounts. Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot using Anti-His tag (C-term) antibody 3D5. His tag expressing plasmid transfected (A) and non-transfected (B) HEK293 cells lysate (3g protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of 3D5 (orb256373) at 0.01 µg/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

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