

## 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.

#### Biorbyt Ltd.

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)

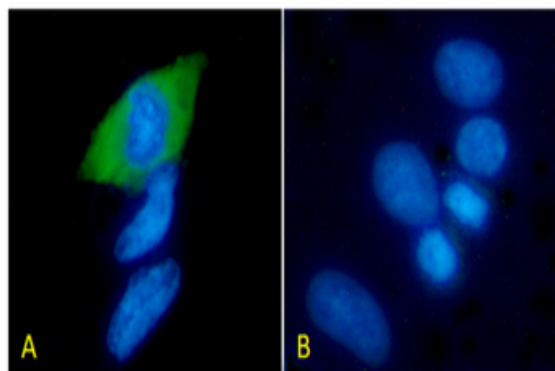
#### Biorbyt LLC

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

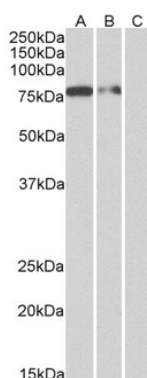
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Note** For research use only

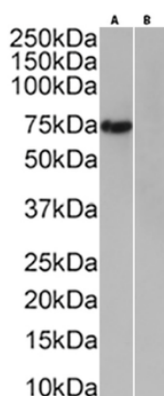
**Expiration Date** 12 months from date of receipt.



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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Cambridge  
CB5 8LA  
United Kingdom

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Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

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NC 27713-2847  
United States

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