

Product Datasheet

Anti-His tag (C-term) [3D5] (orb256374)

Catalog Number	orb256374
Category	Antibodies
Description	Mouse monoclonal antibody to His tag
Target	His tag (C-term)
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2b
Conjugation	Unconjugated
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	Purified his tagged Fab fragment.
Tested applications	ELISA, FACS, FC, WB
Specificity	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.
Clone Number	3D5
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.

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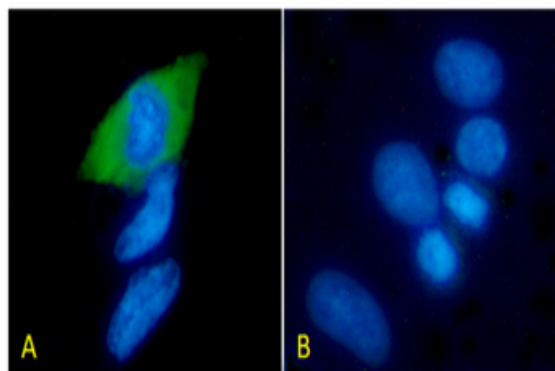
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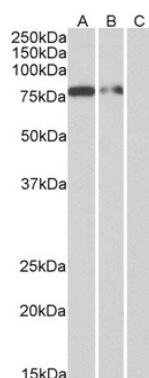
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Note For research use only

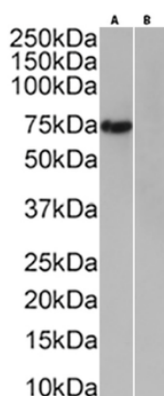
Expiration Date 12 months from date of receipt.



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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