

Product Datasheet

DNA Antibody (AC-30-10) NB110-89473

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 5

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NB110-89473

DNA Antibody (AC-30-10)

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AC-30-10
Preservative	<0.1% Sodium Azide
Isotype	IgM
Purity	IgM purified
Buffer	PBS, 0.5% Bovine Serum Albumin
Product Description	
Description	Novus Biologicals Mouse DNA Antibody (AC-30-10) (NB110-89473) is a monoclonal antibody validated for use in IHC and ICC/IF. Anti-DNA Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human
Reactivity Notes	Predicted cross-reactivities: Insect, Chicken, Amphibia, Mouse, Rat Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	This reacts with all forms of native and denatured DNA, in all DNA containing species tested so far. It also reacts with lambda DNA and synthetic DNA. It has also been found to react with the following cell lines, XLKE-A6, RVF-SMC, PTK-2, and HeLa.
Immunogen	Human DNA
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10, Immunohistochemistry-Frozen 1:10, Immunoblotting



Publications

Delgado L, Carrion O et al. The stack: a new bacterial structure analyzed in the Antarctic bacterium *Pseudomonas deceptionensis* M1(T) by transmission electron microscopy and tomography. PLoS One 2013-09-17 [PMID: 24039905] (IF/IHC, Bacteria)

Details:

Pseudomonas

Mitra I, Pal K, Pancholi N et Al. Cell-free chromatin particles released from dying host cells are global instigators of endotoxin sepsis in mice PLoS ONE 2020-03-04 [PMID: 32130239] (ICC/IF, Mouse)

Bitto NJ, Chapman R, Pidot S et al. Bacterial membrane vesicles transport their DNA cargo into host cells Sci Rep 2017-08-01 [PMID: 28765539] (ICC/IF, Human)

Pepin G, Nejad C, Thomas BJ et al. Activation of cGAS-dependent antiviral responses by DNA intercalating agents. Nucleic Acids Res 2017-01-09 [PMID: 27694309] (ICC/IF)

Perez-Cruz C, Carrion O, Delgado L et al. A new type of outer membrane vesicles produced by the Gram-negative bacterium *Shewanella vesiculosa* M7T: implications for DNA content Appl Environ Microbiol 2013-01-11 [PMID: 23315742]





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Products Related to NB110-89473

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97007	Mouse IgM Isotype Control
KA1639	DNA Assay Kit (Fluorometric)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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