

Product Datasheet

GFP Antibody - BSA Free NB100-62622

Unit Size: 0.5 ml

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

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NB100-62622

GFP Antibody - BSA Free

Product Information	
Unit Size	0.5 ml
Concentration	5.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Sheep
Species	Non-species specific
Reactivity Notes	Drosophila reactivity reported in scientific literature (PMID: 26928065). This is a recombinantly expressed protein used in Drosophila.
Specificity/Sensitivity	This GFP antibody recognizes green fluorescent protein (GFP), a 27 kDa protein which is derived from the jellyfish <i>Aequorea victoria</i> . GFP fluoresces green (509 nm) when excited by blue light (395 nm) and is commonly used as a marker of gene expression.
Immunogen	Green fluorescent protein from <i>Aequorea victoria</i>
Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA 1:100 - 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 20089922)

Publications

Han, SM;Park, ES;Park, J;Nahmgoong, H;Choi, YH;Oh, J;Yim, KM;Lee, WT;Lee, YK;Jeon, YG;Shin, KC;Huh, JY;Choi, SH;Park, J;Kim, JK;Kim, JB; Unique adipose tissue invariant natural killer T cell subpopulations control adipocyte turnover in mice *Nature communications* 2023-12-21 [PMID: 38129377]

Xin N, Durieux J, Yang C et al. The UPRmt preserves mitochondrial import to extend lifespan *Journal of Cell Biology* 2022-07-04 [PMID: 35608535] (Western Blot)

Monette A, Niu M, Nijhoff Asser M et al. Scaffolding viral protein NC nucleates phase separation of the HIV-1 biomolecular condensate *Cell reports* 2022-08-23 [PMID: 36001979] (ICC/IF, Human)

Details:

Dilutions:1:250

Ramos H, Monette A, Niu M et al. The double-stranded RNA-binding protein, Staufen1, is an IRES-transacting factor regulating HIV-1 cap-independent translation initiation *Nucleic acids research* 2021-12-06 [PMID: 34893869] (ICC/IF)

Fujimoto TN, Colbert LE, Huang Y et al. Transcription of a plasticity gene is activated by neuronal hyperpolarization *bioRxiv* (ICC/IF, Drosophila)

Jha S, Rollins MG, Fuchs G et al. Trans-kingdom mimicry underlies ribosome customization by a poxvirus kinase. *Nature*. 2017-06-29 [PMID: 28636603] (ICC/IF)

Cavey M, Collins B, Bertet C, Blau J. Circadian rhythms in neuronal activity propagate through output circuits. *Nat. Neurosci*. 2016-04-01 [PMID: 26928065] (Drosophila)

Magown P, Brownstone RM, Rafuse VF. Tumor prevention facilitates delayed transplant of stem cell derived motoneurons *Ann Clin Transl Neurol*. 2016-07-01 [PMID: 27606345]

Wilson JM, Blagovechtchenski E, Brownstone RM. Genetically defined inhibitory neurons in the mouse spinal cord dorsal horn: a possible source of rhythmic inhibition of motoneurons during fictive locomotion *J Neurosci*. 2010-01-20 [PMID: 20089922] (IHC-P, Mouse)





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Products Related to NB100-62622

HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
NB100-56401PEP	GFP Antibody Blocking Peptide

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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