

# Product Datasheet

## 2A Peptide Antibody (3H4R) - BSA Free NBP3-09171

Unit Size: 0.1 mg

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

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**NBP3-09171**

2A Peptide Antibody (3H4R) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3H4R
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS

**Product Description**

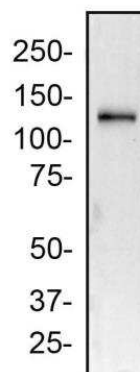
<b>Host</b>	Mouse
<b>Species</b>	Human, Non-species specific
<b>Immunogen</b>	This Recombinant 2A Peptide Antibody (3H4) was developed against KLH-coupled synthetic peptide corresponding to 2A peptide of Thosea asigna virus (CGDVEENPG)

**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1 - 2 ug/ml

**Images**

Total protein from SpCas9-T2A peptide transfected HeLa cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1.0 ug/ml anti-T2A in 5% non-fat milk in TBST and detected with an anti-mouse HRP secondary antibody using chemiluminescence.

**Publications**

Zhang H, Papadaki S, Sun X et al. Quantitative assessment of near-infrared fluorescent proteins Nature methods 2023-09-04 [PMID: 37666982]

Niemann P, Schiffer M, Malan D Et al. Generation and Characterization of an Inducible Cx43 Overexpression System in Mouse Embryonic Stem Cells Cells 2022-02-25 [PMID: 35203340] (ICC/IF)

Details:

Citation using the Non-Recombinant Monoclonal version of this antibody.

Tominaga K, Tominaga N, Williams EO Et al. 4-Phenylbutyrate restores localization and membrane repair to human dysferlin mutations iScience 2022-01-14 [PMID: 35028538]

**Details:**

Citation using the Non-Recombinant Monoclonal version of this antibody.

Szulc DA, Cheng HM. One-Step Labeling of Collagen Hydrogels with Polydopamine and Manganese Porphyrin for Non-Invasive Scaffold Tracking on Magnetic Resonance Imaging Macromol Biosci 2019-01-16 [PMID: 30645045]

**Details:**

Citation using the Non-Recombinant Monoclonal version of this antibody.

Krabbe, S, Paradiso, E Et al. Adaptive disinhibitory gating by VIP interneurons permits associative learning. Nat Neurosci 2019-11-01 [PMID: 31636447] (IF/IHC)

Figley MD, Gu W, Nanson JD et al. SARM1 is a metabolic sensor activated by an increased NMN/NAD(+) ratio to trigger axon degeneration Neuron 2021-03-03 [PMID: 33657413]

**Details:**

Citation using the Non-Recombinant Monoclonal format of this antibody.

Rawson JMO, Duchon A, Nikolaitchik OA et al. Development of a Cell-Based Luciferase Complementation Assay for Identification of SARS-CoV-2 3CL(pro) Inhibitors Viruses 2021-01-27 [PMID: 33498923] (WB, Human)

**Details:**

Citation using the Non-Recombinant Monoclonal format of this antibody.

Huang D, Tran JT, Olson A et al. Vaccine elicitation of HIV broadly neutralizing antibodies from engineered B cells Nat Commun 2020-11-18 [PMID: 33203876] (ELISA, Mouse)

**Details:**

Citation using the Non-Recombinant Monoclonal format of this antibody.

Szulc DA, Lee XA, Cheng HM, Cheng HM. Bright Ferritin-a Reporter Gene Platform for On-Demand, Longitudinal Cell Tracking on MRI iScience 2020-07-25 [PMID: 32707432] (WB, Human)

**Details:**

Citation using the Non-Recombinant Monoclonal format of this antibody.

Song D, Wang D, Yang Q et al. The lateralization of left hippocampal CA3 during the retrieval of spatial working memory Nat Commun 2020-06-11 [PMID: 32518226] (ICC/IF, Mouse)

**Details:**

Citation using the Non-Recombinant Monoclonal format of this antibody.

Yu FH, Huang KJ, Wang CT. HIV-1 Mutant Assembly, Processing and Infectivity Expresses Pol Independent of Gag Viruses 2020-01-08 [PMID: 31906562] (WB, Human)

**Details:**

Citation using the Non-Recombinant Monoclonal format of this antibody.

Fonseca JP, Bonny AR, Kumar GR et al. A Toolkit for Rapid Modular Construction of Biological Circuits in Mammalian Cells ACS Synth Biol 2019-11-06 [PMID: 31686495] (WB, ICC/IF, Human)

**Details:**

Citation using the Non-Recombinant Monoclonal format of this antibody.

More publications at <http://www.novusbio.com/NBP3-09171>





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### **Products Related to NBP3-09171**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

### **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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