

# 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

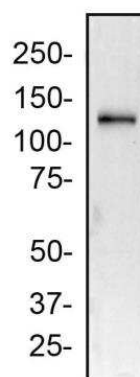
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H4R
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse 2A Peptide Antibody (3H4R) - BSA Free (NBP3-09171) is a recombinant monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-2A Peptide Antibody: Cited in 14 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human, Non-species specific
Immunogen	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	
Applications	Western Blot
Recommended Dilutions	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**

Trolle J, McBee RM, Kaufman A et al. Resurrecting essential amino acid biosynthesis in mammalian cells eLife 2022-09-27 [PMID: 36165439]

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.

Szulec 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.

Szulec 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.

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





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

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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### **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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