

Product Datasheet

Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] NBP1-75130

Unit Size: 1 mg

Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.

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NBP1-75130**Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]**

Product Information	
Unit Size	1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.
Clonality	Polyclonal
Preservative	0.1% Kathon
Reconstitution Instructions	Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily.
Isotype	IgG
Conjugate	HRP
Purity	Affinity purified
Buffer	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free

Product Description	
Description	Purity > 95% based on SDS-PAGE. Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian. After reconstituted, prepare fresh working dilution daily. Store lyophilized material at 2-8C. For long term storage after reconstitution, dilute with 50% glycerol and store at -20C as a liquid.
Host	Goat
Species	Mouse
Reactivity Notes	Based on IEP, no reactivity is observed to non-immunoglobulin mouse serum immunoglobulins
Specificity/Sensitivity	Based on IEP, this Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] reacts with heavy gamma chains on mouse IgG and light chains on all mouse immunoglobulins.
Immunogen	This Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] was developed against purified mouse IgG (H&L).

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-1:5000, ELISA 1:200-1:5000, Immunohistochemistry 1:500-1:5000, Immunohistochemistry-Paraffin
Application Notes	This conjugate is suitable for all immunoassay applications.

Publications

Rashu, R;Ninkov, M;Wardell, CM;Benoit, JM;Wang, NI;Meilleur, CE;D'Agostino, MR;Zhang, A;Feng, E;Saeedian, N;Bell, GI;Vahedi, F;Hess, DA;Barr, SD;Troyer, RM;Kang, CY;Ashkar, AA;Miller, MS;Haeryfar, SMM; Targeting the MR1-MAIT cell axis improves vaccine efficacy and affords protection against viral pathogens PLoS pathogens 2023-06-29 [PMID: 37384813] (ELISA)

Christopher M. Bourne, Patrick Wallisch, Megan M. Dacek, Thomas J. Gardner, Stephanie Pierre, Kristen Vogt, Broderick C. Corless, Mamadou A. Bah, Jesus E. Romero-Pichardo, Angel Charles, Keifer G. Kurtz, Derek S. Tan, David A. Scheinberg Host Interactions with Engineered T-cell Micropharmacies Cancer Immunology Research 2023-09-01 [PMID: 37379366]

Barbier M, Lee KS, Vikharankar MS et al. Passive immunization with equine RBD-specific Fab protects K18-hACE2-mice against Alpha or Beta variants of SARS-CoV-2 Frontiers in Immunology 2022-08-15 [PMID: 36091051]

Horspool AM, Sen-Kilic E, Malkowski AC et al. Development of an anti-Pseudomonas aeruginosa therapeutic monoclonal antibody WVDC-5244 Frontiers in cellular and infection microbiology 2023-04-14 [PMID: 37124031] (ELISA)

Blackwood CB, Mateu-BorrAs M, Sen-Kilic E Et al. Bordetella pertussis whole cell immunization protects against Pseudomonas aeruginosa infections NPJ Vaccines 2022-11-10 [PMID: 36357402] (WB, Mouse)

Details:

Citation using the HRP version of this antibody.

Lee KS, Russ BP, Wong TY Et al. Obesity and metabolic dysfunction drive sex-associated differential disease profiles in hACE2-mice challenged with SARS-CoV-2 iScience 2022-09-07 [PMID: 36068847] (ELISA)

Details:

Citation using the HRP version of this antibody.

Wong TY, Lee KS, Russ BP Et al. Intranasal administration of BReC-CoV-2 COVID-19 vaccine protects K18-hACE2 mice against lethal SARS-CoV-2 challenge NPJ Vaccines 2022-03-15 [PMID: 35288576] (ELISA)

Details:

Citation using the HRP version of this antibody.

Bosnakovski D, Ener ET, Cooper MS Et al. Inactivation of the CIC-DUX4 oncogene through P300/CBP inhibition, a therapeutic approach for CIC-DUX4 sarcoma Oncogenesis 2021-10-13 [PMID: 34642317] (ICC/IF)

Details:

Citation using the HRP version of this antibody.



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Limitations

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

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