

Product Datasheet

Goat anti-Rat IgM Heavy Chain Secondary Antibody NB7100

Unit Size: 1 ml

Store at 4C. Do not freeze.

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NB7100**Goat anti-Rat IgM Heavy Chain Secondary Antibody**

| Product Information | |
|------------------------------------|---|
| Unit Size | 1 ml |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Polyclonal |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Phosphate Buffered Saline (PBS) |
| Product Description | |
| Host | Goat |
| Gene ID | 3507 |
| Gene Symbol | IGHM |
| Species | Rat |
| Specificity/Sensitivity | By immunoelectrophoresis and ELISA this reacts specifically with rat IgM and is mu-chain specific. This may cross react with IgM from other species. |
| Immunogen | Rat IgM |
| Product Application Details | |
| Applications | Western Blot, ELISA, Electron Microscopy, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:1000 - 1:30000, ELISA 1:1000 - 1:30000, Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000, Electron Microscopy 1:1000 - 1:30000 |
| Application Notes | ELISA 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500 |

Publications

Hakala H, Rajala K, Ojala M et al. Comparison of biomaterials and extracellular matrices as a culture platform for multiple, independently derived human embryonic stem cell lines *Tissue Eng Part A* 2009-01-10 [PMID: 19132919] (ICC/IF)

Kaur S, Abu-Shahba AG, Paananen RO et al. Small non-coding RNA landscape of extracellular vesicles from human stem cells *Sci Rep* 2018-10-21 [PMID: 30341351] (IF/IHC)

Skottman H. Derivation and characterization of three new human embryonic stem cell lines in Finland *In Vitro Cell Dev Biol Anim* 2010-02-24 [PMID: 20177999] (ICC/IF)

Dayao DA, Sheoran A, Carvalho A et al. An immunocompetent rat model of infection with *Cryptosporidium hominis* and *Cryptosporidium parvum* *Int J Parasitol* 2019-11-25 [PMID: 31759945] (IF/IHC)

Suzuki T, Ichihara M, Hyodo K et al. Accelerated blood clearance of PEGylated liposomes containing doxorubicin upon repeated administration to dogs. *Int J Pharm.* [PMID: 22850293]

Details:

Citation using the HRP form of this antibody.

Bainbridge B, Verma RK, Eastman C et al. Role of *Porphyromonas gingivalis* phosphoserine phosphatase enzyme SerB in inflammation, immune response, and induction of alveolar bone resorption in rats. *Infect Immun.* [PMID: 20805334]

Details:

Citation using the Alkaline Phosphatase form of this antibody.

Sabirov A, Kodama S, Sabirova N et al. Intranasal immunization with outer membrane protein P6 and cholera toxin induces specific sinus mucosal immunity and enhances sinus clearance of nontypeable *Haemophilus influenzae*. *Vaccine.* [PMID: 15297063]

Details:

Citation using the HRP form of this antibody.

Ferro VA, Khan MA, Latimer VS et al. Immunoneutralisation of GnRH-I, without cross-reactivity to GnRH-II, in the development of a highly specific anti-fertility vaccine for clinical and veterinary use. *J Reprod Immunol.* [PMID: 11543851]

Details:

Citation using the HRP form of this antibody.





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Products Related to NB7100

| | |
|-------------|---|
| NB100-524 | NOD2 Antibody (2D9) - BSA Free |
| NBP1-96772 | Human IgM Heavy Chain Isotype Control |
| 7268-CT-100 | CTLA-4 [Unconjugated] |
| NBP2-45731 | beta-Galactosidase-1/GLB1 Antibody (OTI1C9) |

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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