

Product Datasheet

Sheep anti-Bovine IgM Heavy Chain Secondary Antibody NB758

Unit Size: 1 ml

Store at 4C. Do not freeze.

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NB758**Sheep anti-Bovine 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	Sheep
Gene ID	3507
Gene Symbol	IGHM
Species	Bovine
Specificity/Sensitivity	By immunoelectrophoresis and ELISA this reacts specifically with bovine IgM. This may cross react with IgM from other species.
Immunogen	Bovine IgM

Product Application Details

Applications	Western Blot, ELISA, 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
Application Notes	ELISA 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500

Publications

Shkreta L, Talbot BG, Diarra MS et al. Immune responses to a DNA/protein vaccination strategy against *Staphylococcus aureus* induced mastitis in dairy cows. *Vaccine*. [PMID: 15519714]

Details:

Citation using the HRP form of this antibody.

Wilson C, Hughes L, Rashid T et al. Antibodies to prion and *Acinetobacter* peptide sequences in bovine spongiform encephalopathy. *Vet Immunol Immunopathol*. [PMID: 15127836]

Details:

Citation using the HRP form of this antibody.

Parreno V, Bejar C, Vagnozzi A et al. Modulation by colostrum-acquired maternal antibodies of systemic and mucosal antibody responses to rotavirus in calves experimentally challenged with bovine rotavirus. *Vet Immunol Immunopathol*. [PMID: 15182992]

Details:

Citation using the HRP form of this antibody.

Orino K, Ishiji T, Yamamoto S et al. Characterization of bovine serum ferritin-binding proteins. *Comp Biochem Physiol A Mol Integr Physiol*. [PMID: 15123210]

Details:

Citation using the Alkaline Phosphatase form of this antibody.

Kikukawa R, Kimura J, Nasu T et al. Anatomical and histological characterization of ileal and jejunal Peyer's patch in lesser mouse deer (*Tragulus javanicus*). *Vet Immunol Immunopathol* 2012-09-01 [PMID: 22658086]

Kruger EF, Boyd BL, Pinchuk LM et al. Bovine monocytes induce immunoglobulin production in peripheral blood B lymphocytes. *Dev Comp Immunol* 2003-12-01 [PMID: 12880638]

Pinchuk LM, Boyd BL, Kruger EF et al. Bovine dendritic cells generated from monocytes and bone marrow progenitors regulate immunoglobulin production in peripheral blood B cells. *Comp Immunol Microbiol Infect Dis* 2003-07-01 [PMID: 12676124]



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Products Related to NB758

NB100-524	NOD2 Antibody (2D9) - BSA Free
NBP1-96772	Human IgM Heavy Chain Isotype Control
7268-CT-100	CTLA-4 [Unconjugated]
NB200-541	Complement C4b/d Antibody (16D2)

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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