

# Product Datasheet

## Sheep anti-Bovine IgG1 Heavy Chain Secondary Antibody NB780

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB780****Sheep anti-Bovine IgG1 Heavy Chain Secondary Antibody****Product Information**

<b>Unit Size</b>	1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Phosphate Buffered Saline (PBS)

**Product Description**

<b>Host</b>	Sheep
<b>Species</b>	Bovine
<b>Specificity/Sensitivity</b>	By immunoelectrophoresis and ELISA this reacts specifically with bovine IgG1. This may cross react with IgG1 from other species.
<b>Immunogen</b>	Bovine IgG1

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:10000, ELISA, Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin

**Publications**

Tuo W, Li L, Lv Y et al. Abomasal mucosal immune responses of cattle with limited or continuous exposure to pasture-borne gastrointestinal nematode parasite infection. Veterinary Parasitology. [PMID: 27809966] (ELISA)

Details:  
Citation using the HRP form of this antibody.

Lo KL, Kimball RA, Lehmann J et al. Antibody responses of calves to Histophilus somni recombinant IbpA subunits. Comp Immunol Microbiol Infect Dis. [PMID: 22554920]

Details:  
Citation using the HRP form of this antibody.

Frohlich J, Baljer G, Menge C et al. Maternally and naturally acquired antibodies to Shiga toxins in a cohort of calves shedding Shiga-toxigenic Escherichia coli. Appl Environ Microbiol. [PMID: 19363081]

Details:  
Citation using the HRP form of this antibody.

Hagiwara K, Tokuda M, Baba T et al. The role of IFN-gamma in cattle infected with Theileria sergenti. Vet Parasitol. [PMID: 15631902]

Details:  
Citation using the HRP form of this antibody.



Gershwin LJ, Berghaus LJ, Arnold K et al. Immune mechanisms of pathogenetic synergy in concurrent bovine pulmonary infection with *Haemophilus somnus* and bovine respiratory syncytial virus. *Vet Immunol Immunopathol*. [PMID: 15979157]

Details:

Citation using the HRP form of this antibody.

Kalina WV, Woolums AR, Berghaus RD et al. Formalin-inactivated bovine RSV vaccine enhances a Th2 mediated immune response in infected cattle. *Vaccine*. [PMID: 15063570]

Details:

Citation using the HRP form of this antibody.

Cupp MS, Cupp EW, Navarre C et al. Evaluation of a recombinant salivary gland protein (thrombostasin) as a vaccine candidate to disrupt blood-feeding by horn flies. *Vaccine*. [PMID: 15149788]

Details:

Citation using the HRP form of this antibody.

Roesler U, Hensel A. Longitudinal analysis of *Prototheca zopfii*-specific immune responses: correlation with disease progression and carriage in dairy cows. *J Clin Microbiol*. [PMID: 12624049]

Details:

Citation using the HRP form of this antibody.

Hoyle DV, Dalton JP, Chase-Topping M et al. Pre-exposure of cattle to drug-abbreviated *Fasciola hepatica* infections: the effect upon subsequent challenge infection and the early immune response. *Vet Parasitol*. [PMID: 12523980]

Details:

Citation using the HRP form of this antibody.

Roesler U, Scholz H, Hensel A et al. Immunodiagnostic identification of dairy cows infected with *Prototheca zopfii* at various clinical stages and discrimination between infected and uninfected cows. *J Clin Microbiol*. [PMID: 11158103]

Details:

Citation using the HRP form of this antibody.

Ni Y, Powell R, Turner DD et al. Specificity and prevalence of natural bovine anti-alpha galactosyl (Galalpha1-6Glc or Galalpha1-6Gal) antibodies. *Clin Diagn Lab Immunol*. [PMID: 10799466]

Details:

Citation using the HRP form of this antibody.

Fernandez B, Gilardoni LR, Jolly A et al. Detection of Bovine IgG Isotypes in a PPA-ELISA for Johne's Disease Diagnosis in Infected Herds. *Vet Med Int*. 2012-01-01 [PMID: 22792511]

Details:

Citation using the HRP form of this antibody.

More publications at <http://www.novusbio.com/NB780>





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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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