

# Product Datasheet

## Sheep anti-Bovine IgG1 Heavy Chain Secondary Antibody [HRP] NB783

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB783****Sheep anti-Bovine IgG1 Heavy Chain Secondary Antibody [HRP]**

<b>Product Information</b>	
<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>	0.05% Pro-Clean 400
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Phosphate Buffered Saline (PBS)

<b>Product Description</b>	
<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

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:20000, ELISA 1:10000-1:100000, 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.

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.

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

Details:  
Citation using the HRP form of this antibody.

Marinaro M, Rezza G, Del Giudice G et al. A caprine herpesvirus 1 vaccine adjuvanted with MF59 protects against vaginal infection and interferes with the establishment of latency in goats. PLoS One. 2012-01-01 [PMID: 22511971]

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.

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.

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.

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.

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.

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.

More publications at <http://www.novusbio.com/NB783>





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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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