

# Product Datasheet

## Goat anti-Canine IgG (H+L) Secondary Antibody NB7338

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB7338****Goat anti-Canine IgG (H+L) Secondary Antibody**

<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>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Canine
<b>Specificity/Sensitivity</b>	By immunoelectrophoresis and ELISA this Goat anti-Canine IgG (H+L) Secondary Antibody reacts specifically with dog IgG and with light chains common to other dog immunoglobulins. No was detected against non-immunoglobulin serum proteins. This may cross react with IgG from other species.
<b>Immunogen</b>	This Goat anti-Canine IgG (H+L) Secondary Antibody was developed against canine IgG-heavy and light chain.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:30000, ELISA 1:1000-1:30000(Primary) 1:100-1:500 (for coating plates), Immunohistochemistry 1:200- 1:2000, Immunocytochemistry/ Immunofluorescence 1:200- 1:2000, Immunohistochemistry-Paraffin 1:200-1:2000



## Publications

Arce-Fonseca M, Ballinas-Verdugo MA, Zenteno ER et al. Specific humoral and cellular immunity induced by *Trypanosoma cruzi* DNA immunization in a canine model Vet Res 2013-03-19 [PMID: 23497041] (ICC/IF)

Carmona-Vicente N, Buesa J, Brown PA et al. Phylogeny and prevalence of kobuviruses in dogs and cats in the UK Vet Microbiol 2013-03-16 [PMID: 23490561] (ELISA)

Fukumoto S, Suzuki H, Igarashi I et al. Fatal experimental transplacental *Babesia gibsoni* infections in dogs. Int J Parasitol. [PMID: 15979628]

Details:

Citation using the FITC form of this antibody.

Tucker SN, Lin K, Stevens S et al. Salivary gland genetic vaccination: a scalable technology for promoting distal mucosal immunity and heightened systemic immune responses. Vaccine. [PMID: 15193415]

Details:

Citation using the HRP form of this antibody.

Tiwananthagorn S, Iwabuchi K, Ato M et al. Involvement of CD4+Foxp3+regulatory T cells in persistence of *Leishmania donovani* in the liver of alymphoplastic aly/aly mice. PLoS Negl Trop Dis. 2012-01-01 [PMID: 22928057]

Details:

Citation using the HRP form of this antibody.

Fujimoto T, Sato Y, Sasaki N et al. The canine mast cell activation via CRP. Biochem Biophys Res Commun 2003-01-01 [PMID: 12535664]





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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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