

# Product Datasheet

## Donkey anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)

**NBP1-75377**

Unit Size: 2 mg

Store at 4C. Do not freeze.

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**NBP1-75377**

Donkey anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)

Product Information	
<b>Unit Size</b>	2 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
<b>Description</b>	Purity > 95% based on SDS-PAGE. Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
<b>Host</b>	Donkey
<b>Species</b>	Rat
<b>Reactivity Notes</b>	Based on IEP, no reactivity is observed to non-immunoglobulin rat serum proteins and IgG from bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rabbit, or sheep
<b>Specificity/Sensitivity</b>	Based on IEP, this Donkey anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed) heavy gamma chains on rat IgG and light chains on all rat immunoglobulins. This antibody has been pre-adsorbed against bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rabbit or sheep IgG
<b>Immunogen</b>	This Donkey anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed) was developed against purified rat IgG (H&L).

Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunoassay, Immunodiffusion, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunodiffusion, Immunoassay
<b>Application Notes</b>	This antibody is suitable for all immunoassay applications.

**Publications**

Green KY, Kaufman SS, Nagata BM et al. Human norovirus targets enteroendocrine epithelial cells in the small intestine Nat Commun 2020-06-02 [PMID: 32488028] (ICC/IF)

Details:  
Citation using the Biotin format of this antibody.

Hamilton AM, Cheung WY, Gomez-Aristizabal A et al. Iron nanoparticle-labeled murine mesenchymal stromal cells in an osteoarthritic model persists and suggests anti-inflammatory mechanism of action PLoS One 2019-12-04 [PMID: 31794570] (IF/IHC)

Kovaleski Rf, Callahan Jw, Chazalon M et Al. Dysregulation of external globus pallidus-subthalamic nucleus network dynamics in parkinsonian mice during cortical slow-wave activity and activation J Physiol. [PMID: 32112413]





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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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