

# Product Datasheet

## Horse IgG, Fab Native Protein

### NBP1-96780

Unit Size: 2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-96780**

Horse IgG, Fab Native Protein

**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 short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	0.01% Sodium Azide
<b>Purity</b>	Multi-step
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Product Description**

<b>Description</b>	<p>Native Equine Horse IgG, Fab</p> <p>Source: Normal serum (Accession #:AAA59974.1)</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
<b>Species</b>	Equine
<b>Preparation Method</b>	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Horse Serum, anti-Horse IgG and anti-Horse IgG F(ab') <sub>2</sub> . No reaction was observed against anti-Horse IgG F(c) or anti-Papain.

**Product Application Details**

<b>Application Notes</b>	This product has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.
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**Publications**

Zappala F, Higbee-Dempsey E, Jang B Et al. Rapid, site-specific labeling of "off-the-shelf" and native serum autoantibodies with T cell-redirecting domains Sci Adv 2022-05-06 [PMID: 35522741] (IHC-P, Mouse)

Details:

Citation using the Biotin version of this antibody.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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