

# Product Datasheet

## Goat anti-Equine IgG F(ab')<sub>2</sub> Secondary Antibody [HRP] NBP1-73524

Unit Size: 2 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NBP1-73524**Goat anti-Equine IgG F(ab')<sub>2</sub> Secondary Antibody [HRP]

Product Information	
Unit Size	2 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Conjugate	HRP
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

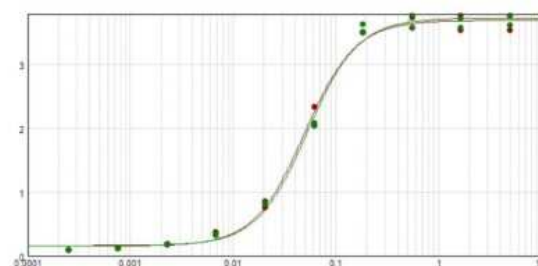
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Horse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Horse IgG, Horse IgG F(ab')<sub>2</sub> and Horse Serum</p>
Host	Goat
Species	Equine
Specificity/Sensitivity	No reaction was observed against Horse IgG F(c).
Immunogen	Horse IgG F(ab') <sub>2</sub> fragment

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA 1:50000 - 1:150000, Immunohistochemistry 1:500 - 1:2500, Dot Blot
Application Notes	<p>This product has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.</p> <p>NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p>



## Images

ELISA: Goat anti-Equine IgG F(ab')<sub>2</sub> Secondary Antibody [HRP] [NBP1-73524] - ELISA results of purified Goat anti-Equine IgG F(ab')<sub>2</sub> Secondary antibody [HRP] tested against Horse IgG F(ab')<sub>2</sub> (red) and Horse IgG (green). Each well was coated in duplicate with 1.0ug of antigen. The starting dilution of antibody was 5ug/ml and the X-axis represents the Log<sub>10</sub> of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC<sub>50</sub> is defined as the titer of the antibody. Assay performed using TMB substrate.





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NBP1-96816	Donkey IgG F(ab') <sub>2</sub> Isotype Control [Biotin]
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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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