

Product Datasheet

Sheep anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase] NBP1-72572

Unit Size: 1 mg

Store at 4C. Do not freeze.

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NBP1-72572

Sheep anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase]

Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Conjugate	Alkaline Phosphatase
Purity	Multi-step
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	Store vial at 4C before opening. DO NOT FREEZE. This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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-Alkaline Phosphatase (calf intestine), anti-Sheep Serum, Human IgG and Human Serum.
Host	Sheep
Species	Human
Immunogen	Human IgG whole molecule

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Electron Microscopy, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2500, ELISA 1:2000 - 1:10000, Immunohistochemistry 1:200 - 1:1000, Dot Blot, Electron Microscopy
Application Notes	This product has been tested by ELISA and dot blot 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.



Images

Dot Blot: Sheep anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase] [NBP1-72572] - Dot Blot of Sheep anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase].

Antigen: Human IgG.

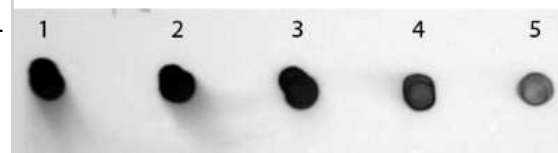
Load: Lane 1 - 200 ng Lane 2 - 66.67 ng Lane 3 - 22.22 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng.

Primary antibody: none.

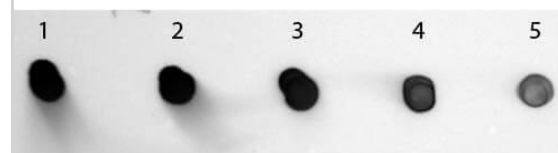
Secondary antibody: Sheep anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase] at 1:1000 for 60 min at RT.

Block: Fluorescent blocking buffer for 60 min at RT.

Visualized using Alkaline Phosphatase Substrate for 30 seconds at RT.



Dot Blot of Sheep anti-Human IgG Antibody Alkaline Phosphatase Conjugated. Antigen: Human IgG. Load: Lane 1 - 200 ng Lane 2 - 66.67 ng Lane 3 - 22.22 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: none. Secondary antibody: Sheep anti-Sheep anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase] at 1:1,000 for 60 min at RT. Block for 60 min at RT. Visualized using NBT-100 Alkaline Phosphatase Substrate for 30 seconds at RT.





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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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