

# Product Datasheet

## Rabbit anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase] NB710-3884

Unit Size: 1 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NB710-3884**

Rabbit 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	<p>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.</p> <p>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-Rabbit Serum, Human IgG and Human Serum.</p>
Host	Rabbit
Species	Human
Immunogen	Human IgG whole molecule

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2500, Flow Cytometry, ELISA 1:2000 - 1:10000, Immunohistochemistry 1:200 - 1:1000, Dot Blot
Application Notes	<p>This product has been tested by ELISA and dot blot and is suitable for ELISA, Western Blot and immunohistochemistry applications. Specific conditions for reactivity should be optimized by the end user.</p> <p>Use in Flow Cytometry reported in scientific literature (PMID 24138824)</p>



## Images

Dot Blot: Rabbit anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase] [NB710-3884] - Dot Blot of Rabbit anti-Human IgG (H+L) Secondary Antibody [Alkaline Phosphatase].

Antigen: Human IgG.

Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng.

Primary antibody: n/a.

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

Block: Fluorescent blocking buffer for 1 HR at RT.



## Publications

Liu YS, Hsu HC, Tseng KC Et al. Lgr5 promotes cancer stemness and confers chemoresistance through ABCB1 in colorectal cancer Biomed Pharmacother 2013-10-22 [PMID: 24138824] (FLOW)

Details:

Citation using the Alkaline Phosphatase 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. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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