

Datasheet for 608-4503**Horse IgG Fc Antibody Alkaline Phosphatase Conjugated****Overview**

Description:	Rabbit Anti-Horse IgG Fc Antibody Alkaline Phosphatase Conjugated - 608-4503
Item No.:	608-4503
Size:	1 mg
Applications:	ELISA
Reactivity:	Horse
Host Species:	Rabbit

Product Details

Background:	Anti-Horse IgG F(c) generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of horse IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.
Synonyms:	Rabbit Anti-Horse IgG F(c) Antibody Alkaline Phosphatase Conjugated, Rabbit Anti-Horse IgG Fc Fragment Antibody alkaline phosphatase Conjugation, Rabbit Anti-Horse IgG Fc alk phos Conjugated Antibody
Host Species:	Rabbit
Specificity:	IgG Fc
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Horse
Immunogen:	Horse IgG F(c) fragment

Purity/Specificity:	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-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Horse IgG, Horse IgG F(c) and Horse Serum. No reaction was observed against Horse IgG F(ab).
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Application Details

Tested Applications:	ELISA
Application Note:	Anti-Horse IgG F(c) Alkaline Phosphatase has been tested by ELISA. This product has been assayed against 1.0 ug of Horse IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:2,000 of the reconstitution concentration is suggested for this product.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:2,000 - 1:10,000
IHC:	1:200 - 1:1,000
WB:	1:500 - 1:2,500

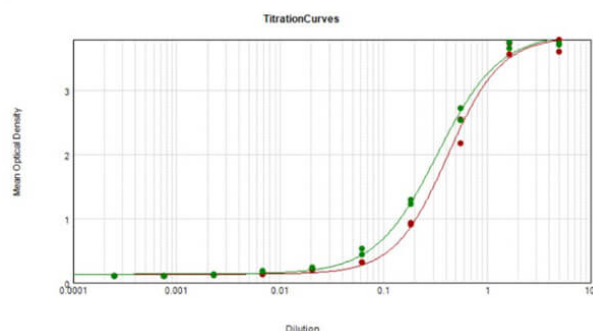
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
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
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



ELISA

ELISA Results of Purified Rabbit Anti-Horse IgG F(c) Antibody Alkaline Phosphatase Conjugated tested against purified Horse IgG F(c). Each well was coated in duplicate with 1.0 µg of Horse IgG F(c) (p/n 008-0103) [Red Line] and Horse IgG (p/n 008-0102) [Green Line]. The working dilution of Horse IgG F(c) Alk Phos is 1:2400. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using NPP ELISA Alk Phos Substrate (p/n NPP-100), NPP Buffer (p/n NPP-B500), and Horse IgG F(c) Alk Phos.

Disclaimer

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