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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 608-1503

Horse IgG Fc Antibody Alkaline Phosphatase Conjugated

Overview

Description:	Goat Anti-Horse IgG Fc Antibody Alkaline Phosphatase Conjugated - 608-1503
Item No.:	608-1503
Size:	1 mg
Applications:	ELISA
Reactivity:	Horse
Host Species:	Goat

Product Details

Background:	Anti-Horse IgG F(c) generated in goat 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:	goat Anti-Horse IgG F(c) Antibody Alkaline Phosphatase Conjugated, goat Anti-Horse IgG Fc Fragment Antibody Alkaline Phosphatase Conjugation, goat Anti-Horse IgG Fc alk phos Conjugated Antibody
Host Species:	Goat
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-Goat Serum, Horse IgG, Horse IgG F(c) and Horse Serum. No reaction was observed against Horse IgG F(ab).

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Horse IgG F(c) Alkaline Phosphatase conjugate has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.
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:	1.0 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

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.

Disclaimer

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