antibodies

Datasheet for ABIN101115 Rabbit anti-Dog IgG (Fc Region) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed



Image

Overview

Quantity:	1 mg
Target:	lgG
Binding Specificity:	Fc Region
Reactivity:	Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Dog IgG F(c) fragment
Isotype:	lgG
Specificity:	IgG F(c)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	lgG
Abstract:	IgG Products

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Target Details

Target Type:	Antibody
Background:	Synonyms: rabbit anti-Dog IgG F(c) Antibody Alkaline Phosphatase conjugation, rabbit anti-Dog
	IgG Fc fragment Alk Phos conjugated Antibody
	Background: Secreted as part of the adaptive immune response by plasma B cells,
	immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G binds to
	viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via
	agglutination (and thereby immobilizing them), activation of the compliment cascade, and
	opsinization for phagocytosis. Secondary Antibodies are available in a variety of formats and
	conjugate types. When choosing a secondary antibody product, consideration must be given to
	species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of
	cross-reactivity, and host-species source and fragment composition. Anti-Dog IgG $F(c)$ antibody
	is ideal for investigators in Immunology, Cancer, and Microbiology research.

Application Details

Restrictions:	For Research Use only
	Western Blot Dilution: 1:500 - 1:2,500
	ELISA Dilution: 1:2,000 - 1:10,000
	concentration is suggested for this product.
	30 minutes at room temperature. A working dilution of 1:3,000 to 1:44,000 of the reconstitution
	capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for
	Application Note: This product has been assayed against 1.0 μg of Dog IgG in a standard
Application Notes:	Immunohistochemistry Dilution: 1:200 - 1:1,000

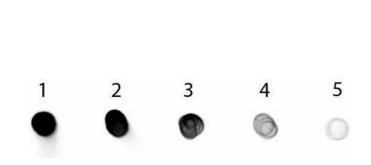
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	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 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.1 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice:	Do not freeze! Freezing alkaline phosphatase conjugates will result in a substantial loss of
	enzymatic activity.
	Do not add Sodium azide.
	Dilute only prior to immediate use
	Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Expiry Date:	12 months

Images



Dot Blot

Image 1. Dot Blot of Rabbit anti-Dog IgG Fc Antibody Alkaline Phosphatase Conjugated. Antigen: Dog 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-Dog IgG Fc Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 1 HR at RT. Block: ABIN925618 for 1 HR at RT.