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Rabbit anti-Cat IgG (Fc Region) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed



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Overview	
Quantity:	1 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Cat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)
Product Details	
Immunogen:	Immunogen: Cat IgG F(c) fragment
Isotype:	IgG
Specificity:	IgG F(c)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Characteristics: Purification:	
	Concentration Definition: by UV absorbance at 280 nm
Purification:	Concentration Definition: by UV absorbance at 280 nm Preadsorption: Solid phase absorption
Purification: Sterility:	Concentration Definition: by UV absorbance at 280 nm Preadsorption: Solid phase absorption
Purification: Sterility: Target Details	Concentration Definition: by UV absorbance at 280 nm Preadsorption: Solid phase absorption Sterile filtered

Target Details

Target Type:	Antibody
Background:	Synonyms: Rabbit Anti-Cat IgG F(c) Alkaline Phosphatase Conjugated Antibody, Rabbit Anti-Cat
	lgG F(c) Fragment Antibody Alk Phos conjugation
	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-Cat IgG F(c) antibody
	is ideal for investigators in Immunology, Cancer, and Microbiology research.

Application Details

Application Notes:	Immunohistochemistry Dilution: 1:200 - 1:1,000
	Application Note: Anti-Cat IgG F(c) Alk Phos conjugate 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.
	ELISA Dilution: 1:4,000 - 1:16,000

Western Blot Dilution: 1:500 - 1:2,500

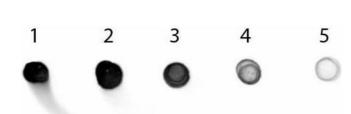
Restrictions: For Research Use only

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: 0.01 % (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.

Handling

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-Cat IgG Fc Antibody Alkaline Phosphatase Conjugated. Antigen: Cat 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-Cat IgG Fc Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Block: ABIN925618 for 1 HR at RT.