



Datasheet for ABIN101327

Goat anti-Guinea Pig IgG (Fc Region) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed



[Go to Product page](#)

1 Image

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Guinea Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

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

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: goat Anti-Guinea Pig IgG F(c) Antibody Alkaline Phosphatase Conjugated, goat Anti-Guinea Pig IgG Fc Fragment Antibody alk phos Conjugated</p> <p>Background: Anti-Guinea Pig IgG F(c) Alkaline Phosphatase 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 Guinea Pig IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.</p>

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:200 - 1:1,000</p> <p>Application Note: This product has been assayed against 1.0 µg of Guinea Pig 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 1:1,000 to 1:5,000 is suggested for this product.</p> <p>ELISA Dilution: 1:2,000 - 1:10,000</p> <p>Western Blot Dilution: 1:500 - 1:2,500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	<p>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</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
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 Advice:	<p>Do not freeze! Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.</p> <p>Do not add Sodium azide.</p>

Handling

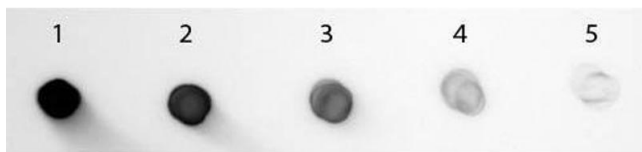
Dilute only prior to immediate use

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 Goat anti-Guinea Pig IgG Fc Antibody Alkaline Phosphatase Conjugated. Antigen: Guinea Pig IgG Fc. Load: Lane 1 - 200 ng Lane 2 - 66.67 ng Lane 3 - 22.22 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: none. Secondary antibody: Goat anti-Guinea Pig IgG Fc Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Block: ABIN925618 for 60 min at RT. Visualized using NBT-100 Alkaline Phosphatase Substrate for 30 seconds at RT.