



[Go to Product page](#)

Datasheet for ABIN101114

Rabbit anti-Dog IgG (Fc Region) Antibody - Preadsorbed

1 Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Dog
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Dog 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 Type:	Antibody

Target Details

Background: Synonyms: rabbit anti Dog IgG F(c) Antibody, rabbit anti Dog IgG Fc 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 complement cascade, and opsonization 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

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000

Application Note: Anti-Dog IgG F(c) antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

ELISA Dilution: 1:20,000 - 1:100,000

Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.1 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

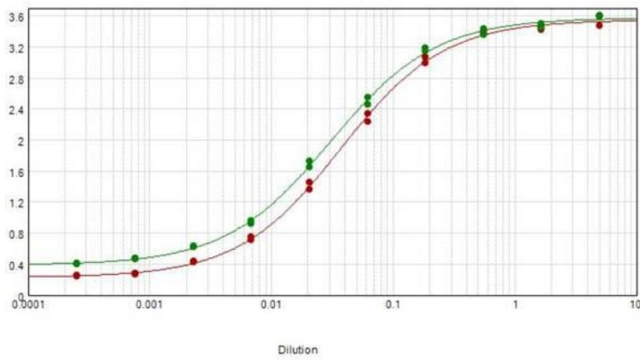
Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 12 months



ELISA

Image 1. ELISA results of purified Rb Anti-Dog IgG F(c) Antibody tested against purified Dog IgG F(c). Each well was coated in duplicate with 1.0 μg of Dog IgG F(c) (red line), Dog IgG (green line). The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ 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 Blocking buffer MB-060-1000, Gt Anti-Rabbit HRP 611-103-122, and TMB-1000 substrate.