



[Go to Product page](#)

Datasheet for ABIN100945

Goat anti-Cat IgG (Heavy & Light Chain) Antibody

Overview

Quantity:	2 mL
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Cat
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Cat IgG whole molecule
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by Refractometry
Purification:	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, Cat IgG and Cat Serum.

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Target Details

Background:	<p>Synonyms: goat anti-Cat IgG Antibody, goat anti Cat IgG</p> <p>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 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-Cat IgG (H&L) antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.</p>
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Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Secondary antibody reagents are ideal for ELISA, western blotting, Immunohistochemistry, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.</p> <p>ELISA Dilution: 1:20,000 - 1:100,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 2.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	90 mg/mL
Buffer:	<p>Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</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.
Storage:	RT, 4 °C, -20 °C

Handling

Expiry Date: 12 months