



[Go to Product page](#)

Datasheet for ABIN100968

Goat anti-Cat IgG (F(ab')₂ Region) Antibody

Overview

Quantity:	2 mL
Target:	IgG
Binding Specificity:	F(ab') ₂ Region
Reactivity:	Cat
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Cat IgG F(ab') ₂ fragment
Specificity:	IgG F(ab') ₂
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, Cat IgG F(ab') ₂ and Cat Serum. No reaction was observed against Cat IgG F(c).

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Target Details

Background:	<p>Synonyms: goat anti-Cat IgG F(ab')₂ fragment Antibody, goat anti-Cat IgG Fab₂ fragment Antibody, goat anti Cat IgG Fab₂</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 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(ab')₂ 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:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Storage:	RT, 4 °C, -20 °C
Expiry Date:	12 months