

Datasheet for ABIN101328

Goat anti-Guinea Pig IgG (Fc Region) Antibody (Biotin) - Preadsorbed



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Overview

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| Quantity: | 2 mg |
| Target: | IgG |
| Binding Specificity: | Fc Region |
| Reactivity: | Guinea Pig |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | Biotin |
| Application: | ELISA, Immunohistochemistry (IHC), Western Blotting (WB) |

Product Details

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| 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 |

Target Details

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| Target: | IgG |
| Abstract: | IgG Products |
| Target Type: | Antibody |

Target Details

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| Background: | <p>Synonyms: Goat Anti-Guinea Pig IgG F(c) Antibody Biotin Conjugated, Goat Anti Guinea Pig IgG Fc Fragment Antibody Biotin Conjugated, Goat Anti Guinea Pig IgG Fc Antibody Biotin Conjugated</p> <p>Background: Anti-Guinea Pig IgG F(c) Biotin 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> |
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Application Details

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| Application Notes: | <p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: This product has been assayed against 1.0 µg of Guinea Pig IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:35,000 to 1:150,000 of the reconstitution concentration is suggested for this product.</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

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| Format: | Lyophilized |
| Reconstitution: | <p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p> |
| Concentration: | 2.0 mg/mL |
| Buffer: | <p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</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: | Aliquot to Avoid repeated freezing and thawing. |

Handling

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months