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Datasheet for ABIN101194

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

Overview

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

Product Details

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| Immunogen: | Immunogen: Goat 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 Goat IgG , Goat Serum and anti-Rabbit IgG. |

Target Details

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

Target Details

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| Background: | Synonyms: rabbit anti-Goat IgG Antibody, rabbit anti Goat IgG Background: Anti-Goat IgG Antibody generated in rabbit detects goat IgG. 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. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. |
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Application Details

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| Application Notes: | Immunohistochemistry Dilution: 1:1,000 - 1:5,000 Application Note: This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. ELISA Dilution: 1:20,000 - 1:100,000 Western Blot Dilution: 1:2,000 - 1:10,000 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | Reconstitution Volume: 2.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent) |
| Concentration: | 80 mg/mL |
| Buffer: | Buffer: None Stabilizer: None Preservative: None |
| Preservative: | Without preservative |
| Storage: | RT,4 °C,-20 °C |
| Expiry Date: | 12 months |