

Anti-GUINEA PIG IgG (H&L) (RABBIT) Antibody Fluorescein Conjugated - 206-4202

Code: 206-4202

Size: 20 mg

Product Description: Anti-GUINEA PIG IgG (H&L) (RABBIT) Antibody Fluorescein Conjugated - 206-4202

PhysicalState: Lyophilized

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| Label | Fluorescein (FITC) |
| Host | Rabbit |
| Emission Wavelength | 528 |
| Excitation Wavelength | 495 |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Volume | 2.0 mL |
| Reconstitution Buffer | Restore with deionized water (or equivalent) |
| Storage Condition | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| Synonyms | Rabbit anti-Guinea Pig IgG Fluorescein Conjugated Antibody, Rabbit anti-Guinea Pig IgG FITC Conjugated Antibody, Rabbit anti-Guinea Pig IgG Fluorescein Conjugated Antibody, Rabbit anti-Guinea Pig IgG FITC Conjugated Antibody |
| 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. |
| Background | Anti-Guinea Pig IgG Fluorescein Antibody generated in rabbit detects guinea pig 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 opsinization 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. 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. |
| Purity And Specificity | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-Rabbit Serum, Guinea Pig IgG and Guinea Pig Serum. |
| Assay Dilutions | FLOW CYTOMETRY 1:500 - 1:2,500 |
| FLISA | 1:10,000 - 1:50,000 |
| IF Microscopy | 1:1,000 - 1:5,000 |
| Flow Cytometry | 1:500 - 1:2,500 |
| Other Assays | FLOW CYTOMETRY 1:500 - 1:2,500 |
| Expiration | Expiration date is one (1) year from date of opening. |
| Immunogen | Guinea Pig IgG whole molecule |
| Related Products | |
| 610-4302 | Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302 |
| 611-1302 | Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302 |
| B304 | NORMAL GOAT SERUM (NGS) - B304 |

Disclaimer

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