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Datasheet for ABIN101271

## Goat anti-Guinea Pig IgG (Heavy & Light Chain) Antibody (TRITC) - Preadsorbed

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 2 mg   |
| Target:              | IgG  |
| Binding Specificity: | Heavy & Light Chain  |
| Reactivity:          | Guinea Pig   |
| Host:                | Goat   |
| Clonality:           | Polyclonal   |
| Conjugate:           | TRITC  |
| Application:         | Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM) |

### Product Details

|                  |  |
|------------------|--|
| Immunogen:       | Immunogen: Guinea Pig IgG whole molecule             |
| Isotype:         | IgG  |
| Specificity:     | IgG (H&L)  |
| Characteristics: | Concentration Definition: by UV absorbance at 280 nm |
| Purification:    | Preadsorption: Solid phase absorption                |
| Labeling Ratio:  | 2.9  |

### Target Details

|           |                              |
|-----------|------------------------------|
| Target:   | IgG                          |
| Abstract: | <a href="#">IgG Products</a> |

## Target Details

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|              |  |
|--------------|--|
| Target Type: | Antibody   |
| Background:  | <p>Synonyms: goat Anti-Guinea Pig IgG Antibody rhodamine Conjugation, goat Anti-Guinea Pig IgG TRITC Conjugated antibody</p> <p>Background: Anti-Guinea Pig IgG Rhodamine Antibody generated in goat 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.</p> |

## Application Details

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|--------------------|--|
| Application Notes: | <p>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.</p> <p>FLISA Dilution: 1:10,000 - 1:50,000</p> <p>Flow Cytometry Dilution: 1:500 - 1:2,500</p> <p>IF Microscopy Dilution: 1:1,000 - 1:5,000</p> |
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|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## 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> |

## Handling

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|                    |  |
|--------------------|--|
| 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:   | Product is photosensitive and should be protected from light.  |
| Storage:           | RT,4 °C,-20 °C   |
| Expiry Date:       | 12 months  |