antibodies

# Datasheet for ABIN101847 Rabbit anti-Mouse IgG (F(ab')2 Region) Antibody (FITC) -Preadsorbed



Overview

| Quantity:            | 1 mg                                                       |
|----------------------|------------------------------------------------------------|
| Target:              | lgG                                                        |
| Binding Specificity: | F(ab')2 Region                                             |
| Reactivity:          | Mouse                                                      |
| Host:                | Rabbit                                                     |
| Clonality:           | Polyclonal                                                 |
| Conjugate:           | FITC                                                       |
| Application:         | Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM) |

## Product Details

| Immunogen:       | Immunogen: Mouse IgG F(ab')2 fragment                |
|------------------|------------------------------------------------------|
| Isotype:         | lgG                                                  |
| Specificity:     | IgG F(ab')2                                          |
| Characteristics: | Concentration Definition: by UV absorbance at 280 nm |
| Purification:    | Preadsorption: Solid phase absorption                |
| Labeling Ratio:  | 2.7                                                  |
|                  |                                                      |

#### Target Details

| Target:   | lgG          |
|-----------|--------------|
| Abstract: | IgG Products |

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| Target Details      |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| Target Type:        | Antibody                                                                                          |
| Background:         | Synonyms: Rabbit Anti-Mouse IgG F(ab')2 Antibody fluorescein Conjugation, Rabbit Anti-Mouse       |
|                     | IgG Fab2 Antibody fluorescein Conjugated, Rabbit Anti-Mouse IgG Fab2 Fragment FITC                |
|                     | Conjugated Antibody                                                                               |
|                     | Background: Anti-Mouse IgG F(ab')2 Fluorescein antibody generated in rabbit recognizes the        |
|                     | dimeric Fab portion of the mouse IgG molecule. Mouse IgG F(ab')2 is a proteolytic fragment of     |
|                     | immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled      |
|                     | conditions of temperature, time and pH . F(ab')2 Molecules lack the Fc portion of IgG and         |
|                     | therefore receptors that bind mouse IgG F(c) will not bind mouse IgG F(ab')2 Molecules.           |
|                     | 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.                                                          |
|                     |                                                                                                   |
| Application Details |                                                                                                   |

| Application Notes: | 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.      |
|                    | FLISA Dilution: 1:10,000 - 1:50,000                                                            |
|                    | Flow Cytometry Dilution: 1:500 - 1:2,500                                                       |
|                    | IF Microscopy Dilution: 1:1,000 - 1:5,000                                                      |
| Comment:           | Excitation/Emission wavelength: 494 nm/514 nm                                                  |
| Restrictions:      | For Research Use only                                                                          |

### Handling

| Format:         | Lyophilized                                                                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reconstitution: | Reconstitution Volume: 1.0 mL<br>Reconstitution Buffer: Restore with deionized water (or equivalent)                                                                                                |
| Concentration:  | 1.0 mg/mL                                                                                                                                                                                           |
| Buffer:         | Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2<br>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free<br>Preservative: 0.01 % (w/v) Sodium Azide |

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#### Handling

| 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                                                                                                              |