

Datasheet for ABIN2657899

## anti-GZMB antibody (Alexa Fluor 647)



[Go to Product page](#)

### 3 Images

#### Overview

|              |                                                     |
|--------------|-----------------------------------------------------|
| Quantity:    | 25 tests                                            |
| Target:      | GZMB                                                |
| Reactivity:  | Human, Mouse                                        |
| Host:        | Mouse                                               |
| Clonality:   | Monoclonal                                          |
| Conjugate:   | This GZMB antibody is conjugated to Alexa Fluor 647 |
| Application: | Flow Cytometry (FACS)                               |

#### Product Details

|                   |                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------|
| Clone:            | GB11                                                                                                                 |
| Isotype:          | IgG1 kappa                                                                                                           |
| Cross-Reactivity: | Rat (Rattus)                                                                                                         |
| Purification:     | The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions. |

#### Target Details

|                   |                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | GZMB                                                                                                                                                                                                                                                                        |
| Alternative Name: | Granzyme B ( <a href="#">GZMB Products</a> )                                                                                                                                                                                                                                |
| Background:       | Granzyme B is a 32 kD serine protease, also known as granzyme-2, serine protease B, CCP1, Asp-ase, and CTLA-1. Granzyme B is abundantly stored in the granules of cytotoxic T lymphocytes and NK cells. Low level of expression has been reported in granulocytes, B cells, |

Target Details

and activated dendritic cells. Granzyme B is crucial for rapid induction of cell death and apoptosis through interaction with mannose-6-phosphate receptor.

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .

Preservative: Sodium azide

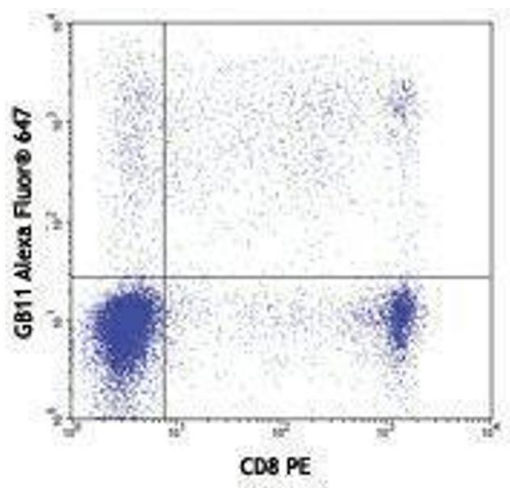
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

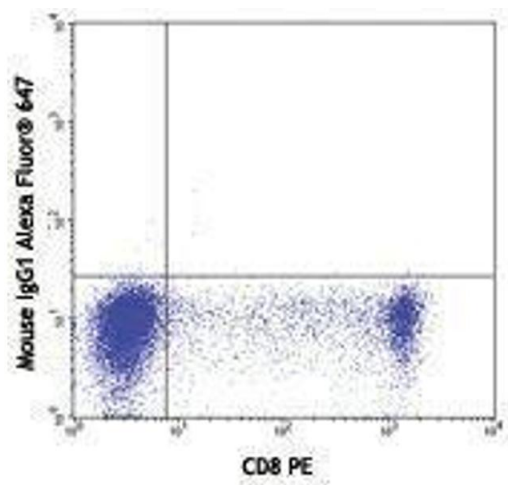
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C

Images



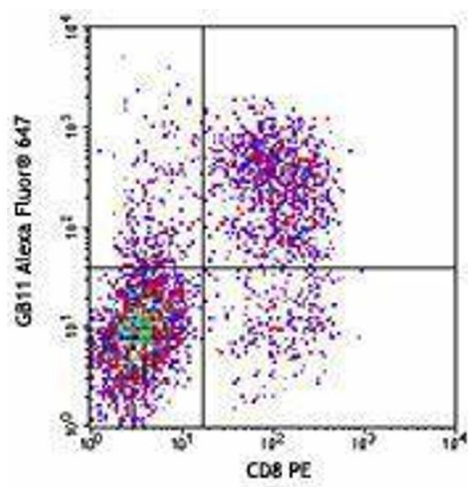
Flow Cytometry

Image 1.



Flow Cytometry

Image 2.



Flow Cytometry

Image 3.