

## Product datasheet

# PE Anti-Granzyme B antibody [EPR8260] ab303034

Recombinant RabMAb

1 Image

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | PE Anti-Granzyme B antibody [EPR8260]   |
| <b>Description</b>         | PE Rabbit monoclonal [EPR8260] to Granzyme B  |
| <b>Host species</b>        | Rabbit  |
| <b>Conjugation</b>         | PE. Ex: 488nm, Em: 575nm  |
| <b>Tested applications</b> | <b>Suitable for:</b> Target binding affinity, Antibody labelling  |
| <b>Immunogen</b>           | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| <b>General notes</b>       | <p>This <b>conjugated primary antibody</b> is released using a quantitative quality control method that evaluates binding affinity post-conjugation and efficiency of antibody labeling.</p> <p>For suitable applications and species reactivity, please refer to the unconjugated version of this clone. This conjugated antibody is eligible for Abtrial: learn more <a href="#">here</a>.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> |

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Avoid freeze / thaw cycle. Store In the Dark. |
| <b>Storage buffer</b>       | pH: 7.4<br>Preservative: 0.02% Sodium azide<br>Constituents: 98% PBS, 1% BSA  |
| <b>Purity</b>               | Protein A purified  |
| <b>Clonality</b>            | Monoclonal  |

Clone number                   EPR8260  
Isotype                            IgG

## Applications

**The Abpromise guarantee**           Our **Abpromise guarantee** covers the use of ab303034 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application             | Abreviews | Notes                                    |
|-------------------------|-----------|--|
| Target binding affinity |           | Use at an assay dependent concentration. |
| Antibody labelling      |           | Use at an assay dependent concentration. |

## Target


**Function**                               This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

**Sequence similarities**               Belongs to the peptidase S1 family. Granzyme subfamily.  
Contains 1 peptidase S1 domain.

**Cellular localization**               Cytoplasmic granule. Cytoplasmic granules of cytolytic T-lymphocytes and natural killer cells.

## Images

Why choose a recombinant conjugated antibody?



**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Guaranteed long-term performance**  
Quantitative quality control

PE Anti-Granzyme B antibody [EPR8260]  
(ab303034)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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