

Product datasheet

Granzyme B Antibody Panel (EPR8260, EPR20129-217, BLR022E) ab252202

Recombinant

[4 Images](#)

Overview

Product name	Granzyme B Antibody Panel (EPR8260, EPR20129-217, BLR022E)
Species reactivity	Reacts with: Human
Product overview	Granzyme B Antibody Panel ab252202 contains multiple trial-sized versions of anti-human antibody clones against Granzyme B, specifically selected for high performance in IHC. This panel contains 3 recombinant rabbit monoclonal antibodies against human Granzyme B. They are provided in trial sizes to allow you to easily evaluate which is the best Granzyme B antibody for your IHC research assay needs.

For guidelines on how to use each antibody within the panel, please consult the individual datasheet for each antibody.

Panel contains:

- Rabbit monoclonal [BLR022E] to Granzyme B (20 µL) [ab243879](#)
- Rabbit monoclonal [EPR20129-217] to Granzyme B (20 µL) [ab208586](#)
- Rabbit monoclonal [EPR8260] to Granzyme B (20 µL) [ab134933](#)

Notes [Explore our range of antibody sample panels](#) designed to provide you with a variety of trial-size antibodies in a convenient and cost-effective format.

Carrier-free formulations of our recombinant antibodies are available and ready to use for multiplex IHC analysis including Imaging Mass Cytometry™. Please refer to the 'Associated products' section below.

Properties

Storage instructions	Store at -20°C. Please refer to protocols.
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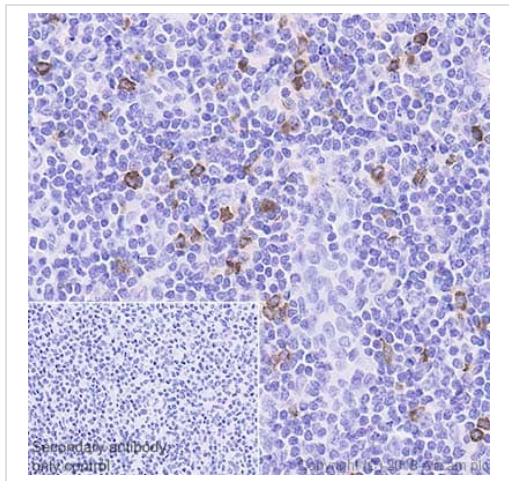
Components	1 kit
ab243879 - Anti-Granzyme B antibody [BLR022E]	2 x 10µl
ab208586 - Anti-Granzyme B antibody [EPR20129-217]	2 x 10µl
ab134933 - Anti-Granzyme B antibody [EPR8260]	2 x 10µl

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.

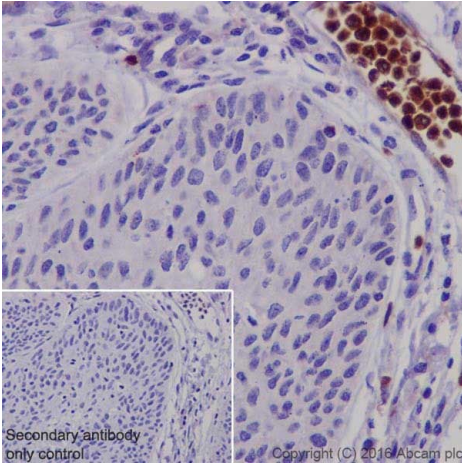
Cellular localization Cytoplasmic granule. Cytoplasmic granules of cytolytic T-lymphocytes and natural killer cells.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling Granzyme B with Purified [ab134933](#) at 1:250 dilution (2.96 µg/ml). Heat mediated antigen retrieval was performed Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.

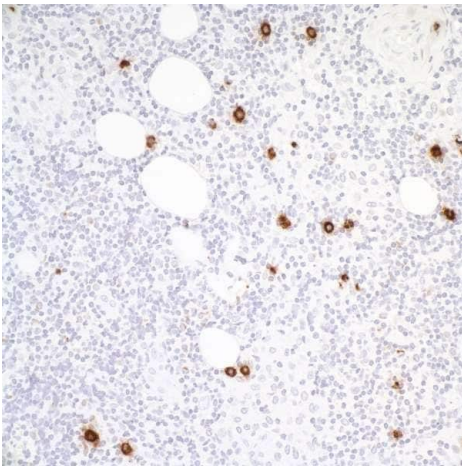
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Granzyme B [EPR8260]



Immunohistochemical analysis of paraffin-embedded human cervix cancer tissue labeling Granzyme B with **ab208586** at 1/250 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Cytoplasmic staining on neutrophils and stroma cells of human cervix cancer is observed [PMID: 14512315]. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Granzyme B [EPR20129-217]



Formalin-fixed, paraffin-embedded human tonsil tissue stained for Ki67 using **ab243879** at 1/250 dilution in immunohistochemical analysis. A HRP-conjugated goat anti-rabbit IgG was used as the secondary. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Granzyme B [BLR022E]

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Granzyme B Antibody Panel (EPR8260, EPR20129-217, BLR022E) (ab252202)

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

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