

Granzyme B Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX22300110

Clone# RR611

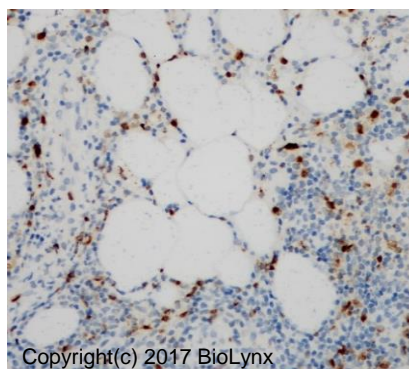
Predicted Molecular Wt: 27kDa
Species Cross-reactivity: Human

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P10144

Applications: IHC-P

Background:

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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human T-cell lymphoma labelling Granzyme B with RR611 at 1:200. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

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Immunogen:

A synthetic peptide corresponding to Human Granzyme B aa100-200 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C.

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100 - 1:200

Background References:

1. Poe M., J. Biol. Chem. 266:98-103(1991)
2. Kraehenbuhl O., Immunol. 141:3471-3477(1988)

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.