

# Product Datasheet

## Granzyme B Antibody (BLR022E) NBP2-76414

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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**NBP2-76414**

Granzyme B Antibody (BLR022E)

**Product Information**

|                      |   |
|----------------------|---|
| <b>Unit Size</b>     | 100 ul  |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 2 - 8 C / 1 year from date of receipt  |
| <b>Clonality</b>     | Monoclonal  |
| <b>Clone</b>         | BLR022E   |
| <b>Preservative</b>  | 0.09% Sodium Azide  |
| <b>Isotype</b>       | IgG   |
| <b>Purity</b>        | Antigen Affinity-purified   |
| <b>Buffer</b>        | Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA   |

**Product Description**

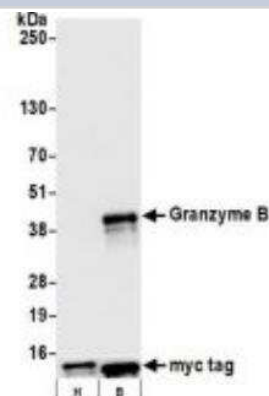
|                    |   |
|--------------------|---|
| <b>Description</b> | Novus Biologicals Rabbit Granzyme B Antibody (BLR022E) (NBP2-76414) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit  |
| <b>Gene ID</b>     | 3002  |
| <b>Gene Symbol</b> | GZMB  |
| <b>Species</b>     | Human   |
| <b>Immunogen</b>   | Recombinant protein representing Human Granzyme B   |
| <b>Notes</b>       | This Product sold under License from Bethyl Laboratories, Inc.  |

**Product Application Details**

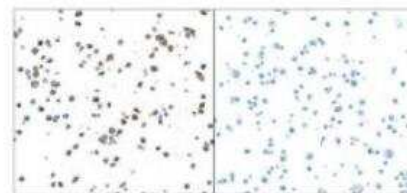
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Multiplex Immunofluorescence  |
| <b>Recommended Dilutions</b> | Western Blot 1:1000, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunohistochemistry-Paraffin, Multiplex Immunofluorescence 1:250 |
| <b>Application Notes</b>     | Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.  |

**Images**

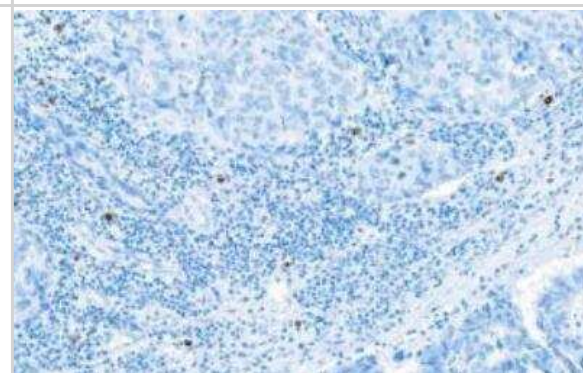
Western Blot: Granzyme B Antibody (BLR022E) [NBP2-76414] - Myc-tagged Granzyme H and B overexpressing cell lysate (15 ug) prepared using NETN lysis buffer. Antibody: Rabbit anti-Granzyme B recombinant monoclonal antibody [BLR022E] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-myc antibody.



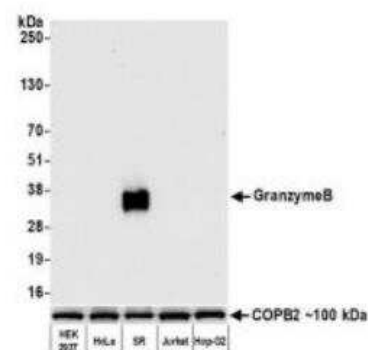
Immunocytochemistry/Immunofluorescence: Granzyme B Antibody (BLR022E) [NBP2-76414] - FFPE section of Granzyme B over-expressing cells (left) and Granzyme H overexpressing cells (right). Antibody: Rabbit anti-Granzyme B recombinant monoclonal antibody [BLR022E]. Secondary: HRP-conjugated goat anti-rabbit IgG.



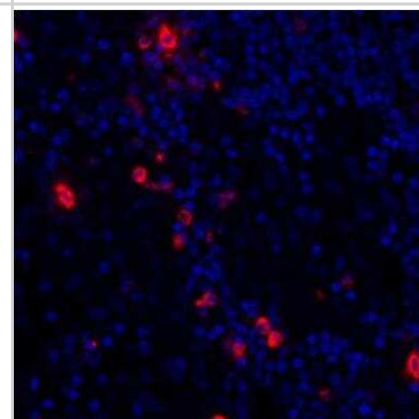
Immunohistochemistry-Paraffin: Granzyme B Antibody (BLR022E) [NBP2-76414] - FFPE section of lung carcinoma. Antibody: Rabbit anti-Granzyme B recombinant monoclonal antibody [BLR022E]. Secondary: HRP-conjugated goat anti-rabbit IgG.



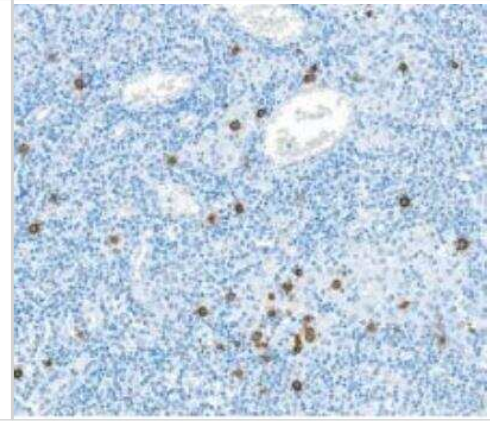
Western Blot: Granzyme B Antibody (BLR022E) [NBP2-76414] - Whole cell lysate (15 ug) from HEK293T, HeLa, SR, Jurkat, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-GranzymeB recombinant monoclonal antibody [BLR022E] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody.



Immunohistochemistry: Granzyme B Antibody (BLR022E) [NBP2-76414] - Rabbit anti-Granzyme B recombinant monoclonal antibody [BLR022E] used at 1:250. Secondary: HRP-conjugated goat antirabbit IgG. Substrate: Opal™. Counterstain: DAPI (blue).



Immunohistochemistry-Paraffin: Granzyme B Antibody (BLR022E) [NBP2-76414] - FFPE section of lymph node. Antibody: Rabbit anti-Granzyme B recombinant monoclonal antibody [BLR022E]. Secondary: HRP-conjugated goat anti-rabbit IgG





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### **Products Related to NBP2-76414**

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|               |   |
|---------------|---|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP1-88151PEP | Granzyme B Recombinant Protein Antigen              |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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