

## **Granzyme B Recombinant Rabbit mAb**

| Catalog:                                                                                                                                                                                                                                                                                                                                                                                        | BS48655                                                 | Host: | Rabbit         | Reactivity:                                                                                                    | Human, Mouse |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------|----------------|----------------------------------------------------------------------------------------------------------------|--------------|
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |       |                |                                                                                                                |              |
| BackGround:                                                                                                                                                                                                                                                                                                                                                                                     |                                                         |       |                | Swiss-Prot:                                                                                                    |              |
| This gene encodes a member of the granzyme subfamily                                                                                                                                                                                                                                                                                                                                            |                                                         |       |                | P04187                                                                                                         |              |
| of proteins, part of the peptidase S1 family of serine pro-                                                                                                                                                                                                                                                                                                                                     |                                                         |       |                | Purification&Purity:                                                                                           |              |
| teases. The encoded preproprotein is secreted by natural                                                                                                                                                                                                                                                                                                                                        |                                                         |       |                | Affinity Purification                                                                                          |              |
| killer (NK) cells and cytotoxic T lymphocytes (CTLs) and                                                                                                                                                                                                                                                                                                                                        |                                                         |       |                | Applications:                                                                                                  |              |
| proteolytically processed to generate the active protease,<br>which induces target cell apoptosis. This protein also<br>processes cytokines and degrades extracellular matrix<br>proteins, and these roles are implicated in chronic in-<br>flammation and wound healing. Expression of this gene<br>may be elevated in human patients with cardiac fibrosis.<br>[provided by RefSeq, Sep 2016] |                                                         |       | ive protease,  | WB: 1:1000<br>IHC: 1:100<br>IP: 1:20                                                                           |              |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |       | protein also   | Storage&Stability:                                                                                             |              |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |       | lular matrix   | Store at $4 ^{\circ}$ C short term. Aliquot and store at $-20 ^{\circ}$ C long term. Avoid freeze-thaw cycles. |              |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |       | chronic in-    |                                                                                                                |              |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |       | •              | Isotype:                                                                                                       |              |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |       | diac fibrosis. | IgG                                                                                                            |              |
|                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |       |                | DATA:                                                                                                          |              |
| Product:                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |       |                |                                                                                                                |              |
| Store at -20                                                                                                                                                                                                                                                                                                                                                                                    | Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), |       |                | Note:                                                                                                          |              |
| 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and                                                                                                                                                                                                                                                                                                                                                 |                                                         |       | n azide and    | For research use only, not for use in diagnostic procedure.                                                    |              |
| 0.05% BSA. Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                           |                                                         |       |                |                                                                                                                |              |

28 kDa

**Molecular Weight:** 

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