

**bsm-60779R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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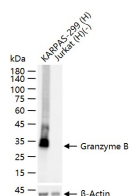
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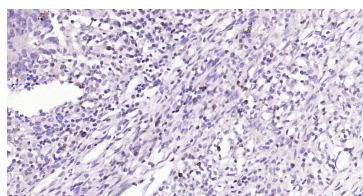
400-901-9800

**Granzyme B Recombinant Rabbit mAb****— DATASHEET —**

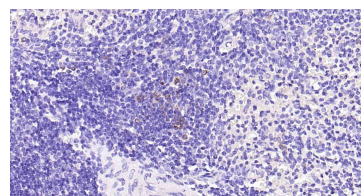
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host:</b> Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Isotype:</b> IgG   | <b>Applications:</b> WB (1:500-2000)<br><b>IHC-P</b> (1:50-200)<br><b>IHC-F</b> (1:50-200)<br><b>IF</b> (1:50-200)<br><br><b>Reactivity:</b> Human<br><br><b>Predicted MW.:</b> 25 kDa<br><br><b>Subcellular Location:</b> Secreted ,Extracellular matrix |
| <b>Clonality:</b> Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>CloneNo.:</b> G1C9 |                                                                                                                                                                                                                                                           |
| <b>GeneID:</b> 3002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>SWISS:</b> P10144  |                                                                                                                                                                                                                                                           |
| <b>Target:</b> Granzyme B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                                                                                                                                                                                                                                           |
| <b>Immunogen:</b> A synthesized peptide derived from human Granzyme B: 150-200/247.                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                                                                                                                                                                                                                                                           |
| <b>Purification:</b> affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                                                                                                                                                                                                                                                           |
| <b>Concentration:</b> 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                                                                                                                                                                           |
| <b>Storage:</b> PBS, Glycerol, BSA.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                                                                                           |
| <b>Background:</b> Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein encoded by this gene is crucial for the rapid induction of target cell apoptosis by CTL in cell-mediated immune response. [provided by RefSeq, Jul 2008] |                       |                                                                                                                                                                                                                                                           |

**— VALIDATION IMAGES —**

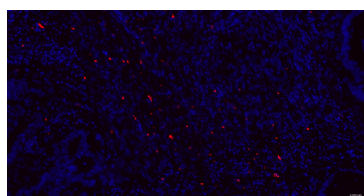
25 ug total protein per lane of various lysates (see on figure) probed with Granzyme B monoclonal antibody, unconjugated (bsm-60779R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Granzyme B Monoclonal Antibody, Unconjugated (bsm-60779R) at 1:300 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Granzyme B Monoclonal Antibody, Unconjugated (bsm-60779R) at 1:300 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Granzyme B Monoclonal Antibody, Unconjugated (bsm-60779R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue,

C02-04002) was used to stain the cell nuclei.