

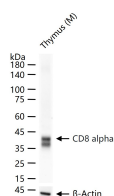
bsm-60734R**[Primary Antibody]****BioSS**
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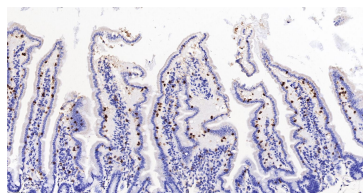
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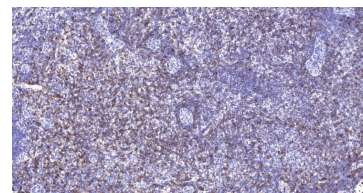
400-901-9800

CD8 alpha Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 12525**Target:** CD8 alpha**Purification:** affinity purified by Protein A**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene. The major protein isoforms of this gene differ by the presence or absence of a transmembrane domain and thus differ in being a membrane-anchored or secreted protein. [provided by RefSeq, May 2020]**Isotype:** IgG**CloneNo.:** 6C7**SWISS:** P01731**Applications:** WB (1:1000-5000)**IHC-P** (1:200-500)**IHC-F** (1:200-500)**IF** (1:200-500)**Reactivity:** Mouse**Predicted MW.:** 27 kDa**Observed MW.:** 35-42 kDa**Subcellular Location:** Cell membrane**VALIDATION IMAGES**

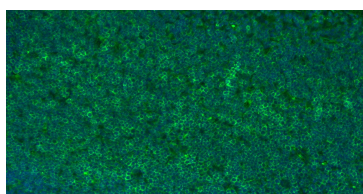
25 ug total protein per lane of various lysates (see on figure) probed with CD8 alpha monoclonal antibody, unconjugated (bsm-60734R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



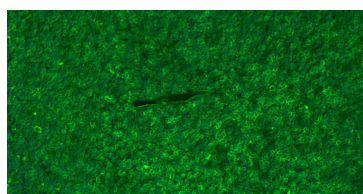
Paraformaldehyde-fixed, paraffin embedded Mouse Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD8 alpha Monoclonal Antibody, Unconjugated (bsm-60734R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Lymph; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD8 alpha Monoclonal Antibody, Unconjugated (bsm-60734R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD8 alpha Monoclonal Antibody, Unconjugated (bsm-60734R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Green, bs-0295G-BF488), DAPI (blue,



Paraformaldehyde-fixed, paraffin embedded Mouse Lymph; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD8 alpha Monoclonal Antibody, Unconjugated (bsm-60734R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Green, bs-0295G-BF488), DAPI (blue,

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

— SELECTED CITATIONS —

- **[IF=12.9]** Wenqiang Chen. et al. Remodeling tumor microenvironment by versatile nanoplatform orchestrated mechanotherapy with chemoimmunotherapy to synergistically enhance anticancer efficiency. BIOMATERIALS. 2025 Jan;;123104 IF ;Mouse. 39813969
- **[IF=6.5]** Zi-Xian Liao. et al. Local M1 Macrophage Reprogramming with Gluconic Acid-Coated Selenium Nanoparticles. INT J NANOMED. 2025 Dec mIF ;Mouse. 41362362
- **[IF=6.4]** Mengdi Zhang. et al. Topical transdermal administration of lenalidomide nanosuspensions-based hydrogels against melanoma: In vitro and in vivo studies. INT J PHARM-X. 2025 Jun;9:100316 IHC ;Mouse. 39898009
- **[IF=3.9]** Mingyu Mo. et al. Venlafaxine suppressed PD-L1 expression through oxidative stress and improved anti-tumor immune responses in melanoma mice. J DRUG TARGET. 2025 Dec IF ;Mouse. 41432356