bsm-60734R

[Primary Antibody]

CD8 alpha Recombinant Rabbit mAb



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- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 6C7
GeneID: 12525 SWISS: P01731

Target: CD8 alpha

Purification: affinity purified by Protein A

Storage:~0.01 M 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 impure system. The CD8 antigen acts as a correspondent with

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]

Applications: WB (1:1000-5000)

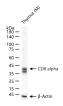
IHC-P (1:200-500) **IHC-F** (1:200-500) **IF** (1:200-500)

Reactivity: Mouse

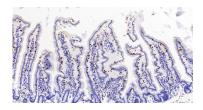
Predicted MW.: 27 kDa

Subcellular Location: Cell membrane

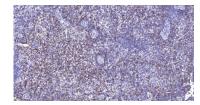
VALIDATION IMAGES



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.

— 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=6.4] 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