
CD8 alpha Rabbit pAb

Catalog Number: bs-4791R

Target Protein: CD8 alpha

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: Mouse (predicted:Human, Rat)

Predicted MW: 27 kDa

Source: KLH conjugated synthetic peptide derived from rat CD8 alpha: 51-150/236.

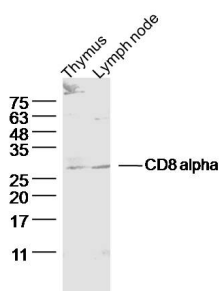
Purification: affinity purified by Protein A

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]

VALIDATION IMAGES



Sample: Thymus (Rat) Lysate at 40 ug Lymph node (Rat) Lysate at 40 ug Primary: Anti-CD8 alpha (bs-4791R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27 kD Observed band size: 27 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=10.2] Zhang Shushan. et al. Autophagy-amplifying nanoparticles evoke immunogenic cell death combined with anti-PD-1/PD-L1 for residual tumors immunotherapy after RFA. J NANOBIOTECHNOL. 2023 Dec;21(1):1-22 IF,IHC ; Mouse . 37789342

[IF=5.96] Savvatis, Konstantinos, et al. "Interleukin-6 receptor inhibition modulates the immune reaction and restores titin phosphorylation in experimental myocarditis." Basic Research in Cardiology 109.6 (2014): 1-14. IHC ; ="Mouse" . 25344085

[IF=5.108] Hu X et al. Atmospheric H₂S triggers immune damage by activating the TLR-7/MyD88/NF-κB pathway and NLRP3 inflammasome in broiler thymus. Chemosphere. 2019 Jul 22;237:124427. IF,WB ; chick . 31352103

[IF=1.85] Cheng, Lin, et al. "T cell immunohistochemistry refines lung transplant acute rejection diagnosis and grading." Diagnostic Pathology 8.1 (2013): 168. IHC ; ="Rat" . 24330571

[IF=2.348] Becher et al. Assessment of cardiac inflammation and remodeling during the development of streptozotocin-induced diabetic cardiomyopathy in vivo: a time course analysis. (2013) Int.J.Mol.Me. 32:158-64 IHC ; Rat . 23652584