
CD8 Rabbit pAb

Catalog Number: bs-10699R

Target Protein: CD8

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

Entrez Gene: 925

Swiss Prot: P01732

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]

PRODUCT SPECIFIC PUBLICATIONS

[IF=15.1] Lei Wang, et al. STING Agonist-Loaded Nanoparticles Promotes Positive Regulation of Type I Interferon-Dependent Radioimmunotherapy in Rectal Cancer. ADV SCI. 2023 Dec;;2307858 IF ; Mouse . 38063844

[IF=4] Wangyou Feng, et al. CDK4/6i enhances the antitumor effect of PD1 antibody by promoting TLS formation in ovarian cancer. HELIYON. 2023 Sep;9:e19760 IHC ; Mouse . 37809574

[IF=3] Xi Xiao. et al. Synergistic effects of Ω -3 polyunsaturated fatty acid supplementation and programmed cell death protein 1 blockade on tumor growth and immune modulation in a xenograft model of esophageal cancer. CLIN NUTR ESPEN. 2024 Apr;; IHC ; Mouse . 38777449

[IF=3.454] Chong Zhang. et al. Histological tumor response to neoadjuvant chemotherapy correlates to Immunoscore in colorectal cancer liver metastases patients. 2021 Aug 18 IHC ; Human . 34406653

[IF=3.223] Shifa Zhang. et al. Impact of the combination of sintilimab and chemotherapy on the tumor and paratumor PD-L1, IDO, TIM-3, FOXP3+ and CD8 expressions in patients with advanced esophageal squamous cell carcinoma. THORAC CANCER. 2022 Oct;; IHC ; Human . 36288460