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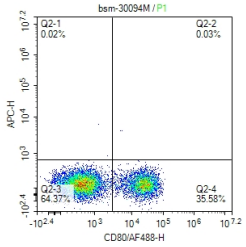
human CD8 Mouse mAb

Catalog Number:	bsm-30094M
Target Protein:	human CD8
Concentration:	1mg/ml
Form:	Liquid
Host:	Mouse
Clonality:	Monoclonal
Clone No.:	HIT8a
Isotype:	Mouse IgG1, k
Applications:	Flow-Cyt (1ug/Test)
Reactivity:	Human
Predicted MW:	27 kDa
Detected MW:	32-34 kDa
Entrez Gene:	925
Swiss Prot:	P01732
Purification:	affinity purified by Protein G
Storage:	0.01M TBS (pH7.4). 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



scatter diagram showing peripheral blood lymphocytes stained with CD8. The cells were incubated with the antibody (bsm-30094M) for 30 min at 22°C.The secondary antibody used for 40 min at room temperature. Acquisition of >10,000 events was performed.

PRODUCT SPECIFIC PUBLICATIONS

[IF=9.776] Yingli Wang. et al. Paclitaxel derivative-based liposomal nanoplatform for potentiated chemo-immunotherapy. J Control Release. 2022 Jan;341:812 IF ; Mouse . 34953979

[IF=9.918] Daijun Zhou. et al. An injectable miR181a-IFI6 nanoparticles promote high-quality healing of radiation-induced skin injury. MATER TODAY ADV. 2022 Aug;15:100267 FCM ; Human . 10.1016/j.mtadv.2022.100267

[IF=9.4] Haijiao Wang. et al. Catalase-positive Staphylococcus epidermidis based cryo-millineedle platform facilitates the photo-immunotherapy against colorectal cancer via hypoxia improvement. J COLLOID INTERF SCI. 2024 Dec;676:506 IF ; Mouse . 39047378