

Product datasheet for **SM260F**

Cd8b Mouse Monoclonal Antibody [Clone ID: 341]

Product data:

Product Type:	Primary Antibodies
Clone Name:	341
Applications:	FC
Recommended Dilution:	Flow cytometry: 1/2 - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat/mouse T cell hybrids expressing CD8. Spleen cells from immunised BALB/c mice were fused with cells of the mouse X63 Ag.653 myeloma cell line.
Specificity:	This antibody recognises the b chain of the CD8 cell surface antigen. This antibody is reported to block proliferative and cytotoxic responses of CD8 +ve effector cells in vitro.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD8b molecule
Database Link:	Entrez Gene 24931 Rat P05541



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Background: CD8b is expressed on thymocytes and peripheral cytotoxic/suppressor cells. CD8b is not expressed by NK cells or by intestinal intraepithelial T cells.

Synonyms: CD8B, CD8B1