

## Product datasheet for **SM260PS**

### Cd8b Mouse Monoclonal Antibody [Clone ID: 341]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	341
Applications:	FC, IP, WB
Recommended Dilution:	Flow Cytometry: 1/100 - 1/200; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Immunoprecipitation.
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 X63Ag8.653 myeloma cell line.
Specificity:	This antibody recognises the beta chain of the rat CD8 cell surface antigen. This antibody is reported to block proliferative and cytotoxic responses of CD8 +ve effector cells <i>in vitro</i> .
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD8b molecule
Database Link:	<a href="#">Entrez Gene 24931 Rat P05541</a>
Background:	CD8 is expressed on thymocytes and peripheral cytotoxic/suppressor cells. CD8b is not expressed by NK cells or by intestinal intraepithelial T cells.



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Synonyms: CD8B, CD8B1