

## Monoclonal Antibody to CD8 beta - FITC

<b>Alternate names:</b>	CD8B, CD8B1, T-cell surface glycoprotein CD8 beta chain
<b>Catalog No.:</b>	SM260F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	CD8b is expressed on thymocytes and peripheral cytotoxic/suppressor cells. CD8b is not expressed by NK cells or by intestinal intraepithelial T cells.
<b>Uniprot ID:</b>	<a href="#">P05541</a>
<b>NCBI:</b>	<a href="#">NP_113727.1</a>
<b>GeneID:</b>	<a href="#">24931</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	341
<b>Immunogen:</b>	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.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow cytometry: 1/2 - 1/10; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	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. <b>Species:</b> Rat. Other species not tested.
<b>Storage:</b>	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. Shelf life: one year from despatch.
<b>General References:</b>	1. Torres-Nagel, N. et al. (1992) Differential thymus dependence of rat CD8 isoform expression. Eur. J. Immunol. 22: 2841-2848.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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