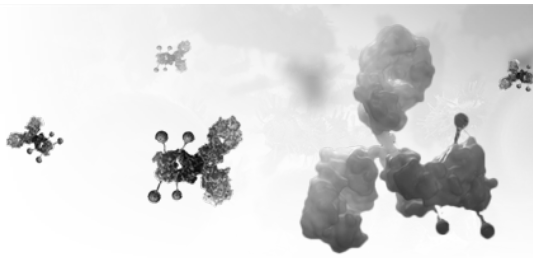

Anti-CD8B monoclonal antibody, clone 341 [FITC] (CABT-49706MR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Rat CD8 beta antibody, clone 341 recognizes the beta chain of the rat CD8 cell surface antigen, expressed on thymocytes and peripheral cytotoxic/suppressor cells. CD8b is not expressed by NK cells or by intestinal intraepithelial T cells. Mouse anti Rat CD8 beta antibody, clone 341 is reported to block proliferative and cytotoxic responses of CD8 +ve effector cells in vitro. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD8B
Immunogen	Rat/mouse T cell hybrids expressing CD8
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	341
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	Store at +4°C for one month or at -20°C for longer. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and

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thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd8b CD8b molecule [Rattus norvegicus (Norway rat)]
Official Symbol	CD8B
Synonyms	CD8B; CD8b molecule; Cd8b1; T-cell surface glycoprotein CD8 beta chain; OX-8 membrane antigen; CD8 antigen beta-chain; CD8 antigen, beta chain; CD8 antigen, beta-chain; CD8 antigen 37 kDa chain;
Entrez Gene ID	24931
Protein Refseq	NP_113727
UniProt ID	P05541
Chromosome Location	4q33
Pathway	Adaptive Immune System; Antigen processing and presentation; Cell adhesion molecules (CAMs); Hematopoietic cell lineage; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell; Primary immunodeficiency; T cell receptor signaling pathway;

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