

Product datasheet for **TA385766**

Cd8a Rat Monoclonal Antibody [Clone ID: YTS 169.4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YTS 169.4
Applications:	FC, IHC
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	Murine CD8 (lyt-2).
Specificity:	Recognises the murine CD8 cell surface antigen expressed by a subset of T lymphocytes. The antibody has been shown to show depleting activity in vivo. Mice have two alleles for CD8, Lyt2.1 and Lyt2.2, which are restricted to certain mouse strains. Lyt2.1, for example, is expressed in the mouse strains CBA, AKR, C3H, and DBA, whereas Lyt2.2 is expressed in the mouse strains BALB/c and C57BL/6 (B/6). YTS 169.4 was originally raised against CBA mouse thymocytes, however there are studies using it in C57BL/6 and BALB/c mice. It has been used specifically as a pan-reactive Lyt2 reagent (Tavare et al., 2014; pmid: 24390540).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	CD8 antigen, alpha chain
Database Link:	Entrez Gene 12525 Mouse P01731
Synonyms:	CD8; Leu2; MAL; OTTHUMP00000203721; p32
Note:	This is a chimeric antibody created to reduce immunogenicity during in vivo applications.



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