

Product datasheet for **TA386164**

CD8 Mouse Monoclonal Antibody [Clone ID: G10-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	G10-1
Applications:	FC, IF, IHC, IP
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	Human CD8.
Specificity:	This antibody is specific for human CD8, and binds human CD8+ T cells. It also cross-reacts with non-human primate CD8, including that of <i>Macaca nemestrina</i> (Southern pig-tailed macaque).

This antibody has been used to stain cells expressing CD8 by indirect immunofluorescence (Uckun et al, 1989) and in immunohistochemical analysis of aortic and iliac artery tissue from nonhuman primates (Masuda & Ross, 1989). It has also been employed in immunoprecipitation and gel electrophoresis experiments to investigate cell surface CD8 complexes (Ledbetter et al, 1985). A FITC-conjugated version of this antibody has been used to identify T cell populations in flow cytometry experiments (Chen et al, 2003). When conjugated to the ribosome-inhibitory protein ricin, this antibody acts as a potent CD8+ T cell-directed immunotoxin (Uckun et al, 1989).

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.



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