

Mouse Anti Guinea Pig CD8 Monoclonal Antibody

DMABT-45242MG Mouse(CD8)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti Guinea Pig CD8
Immunogen	Peritoneal T-cells
Host	Mouse
Isotype	IgG1
Species	Guinea Pig
Clone	DU7
Conjugation	N/A
Applications	IHC, ELISA, FCM, IP, WB
Dilution	IHC: 0 - 1/100;FCM: 0 - 1/100

PACKAGING

Format	Concentrated tissue culture supernatant - liquid
Protein Concentration	IgG concentration 1.0 mg/ml
Storage	Store at +4 °C or at -20 °C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Preservative	0.09% Sodium Azide 0.7% Bovine Serum Albumin
Shelf Life	18 months from date of despatch.

BACKGROUND

Introduction	CD8 is a 68 kDa disulphide-linked, transmembrane glycoprotein. The CD8 molecule serves as a receptor for MHC class I molecules and can mediate a function as a coreceptor in TCR-ligand binding and T-cell activation. Its cytoplasmic part is associated with the p56lck tyrosine kinase. CD8 is expressed by the great majority of cortical thymocytes and approximately 30% of medullary thymocytes, and by class I major histocompatibility complex restricted, mature suppressor/cytotoxic T cells. In addition a proportion of $\gamma\delta$ T cells and NK cells express CD8. Thus, CD8 is expressed by about 25-35% of peripheral T cells, and about 30% of NK cells express low levels of CD8. Immunophenotyping of lymphocytes is widely applied as a component of the testing of peripheral blood for diagnosis of immunodeficiencies such as acquired immunodeficiency syndrome (AIDS). An increase in the percentage of CD8-positive T cells has been reported during cytomegalovirus infection.
Keywords	CD 8; CD 8A; CD 8B; CD8 antigen alpha polypeptide; CD8A; CD8a antigen; CD8a molecule; CD8B; CD8b antigen; CD8b antigen isoform 2; CD8b molecule; CD8B protein; CD8B1; Leu2; Leu2 T lymphocyte antigen; Ly3; LYT3; MAL; MGC119115; OKT8 T Cell antigen; p32; T cell antigen Leu2; T cell surface glycoprotein CD8 alpha chain; T cell surface glycoprotein CD8 beta chain; T lymphocyte differentiation antigen T8/Leu 2