

Mouse Anti Sheep CD8 Monoclonal Antibody

DMABT-45290MS Mouse(CD8)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti Sheep CD8
Immunogen	Sheep thymocytes
Host	Mouse
Isotype	IgM
Species	Sheep
Cross Reactivity	Clone vpm31 is reported to cross react with goat.N.B. Antibody reactivity and working conditions may vary between species.
Clone	WQN42
Conjugation	N/A
Applications	IHC, ELISA, FCM, IP, WB
Dilution	FCM: 0 - Neat

PACKAGING

Format	Tissue Culture Supernatant - liquid
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
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 aquired 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