



Anti-3G11 Sialoganglioside monoclonal antibody, clone TN4H22 (DMAB25769)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti-3G11 Monoclonal Antibody
Target	3G11
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Mouse
Clone	TN4H22
Conjugate	Unconjugated
Applications	FC
Size	50 µg
Preservative	None
Storage	-20°C. Avoid freeze/thaw

BACKGROUND

Introduction	The monoclonal antibody reacts with the mouse 3G11 antigen. The 3G11 antibody was isolated as an autoantibody against the 3G11 sialylated carbohydrate antigen, which was found to be expressed by thymocytes and peripheral T cells, but not by B cells, myeloid cells or erythrocytes. 3G11 is expressed at higher levels on CD4+ T cells than on CD8+ T cells, however expression on both of these subsets decreases with advancing age. In thymus, 3G11
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is expressed on approximately 20% of total thymocytes. 3G11 has also been used as a marker to distinguish na?ve and memory T cells, as 3G11 is irreversibly down-regulated upon activation of CD4+ T cells. The 3G11 antibody is able to block binding of antibodies to CD3epsilon, suggesting close proximity of these two proteins.

Keywords

SM3G11; Mouse Anti-3G11 Monoclonal Antibody; Anti-3G11 Monoclonal Antibody; 3G11 Monoclonal Antibody Mouse Anti-3G11 MAb; Anti-3G11 MAb; 3G11 MAb; Mouse Anti-3G11 Antibody; Anti-3G11 Antibody; 3G11 Antibody
