



Mouse Anti-Mouse CD226 Chimeric Monoclonal Antibody, clone 10E5 [Functional Grade] (CABT-Z493M)

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

PRODUCT INFORMATION

Product Overview	This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2b format.
Immunogen	Murine Th1 cell clone AE7 and Th1 cell lines.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Mouse
Clone	10E5
Purification	Protein A purified
Conjugate	Functional Grade
Applications	FC
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS only. Endotoxin Level<0.5 EU/mg by the LAL method.
Preservative	None

Storage	Store at -20°C long term. Avoid freeze / thaw cycle. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.
Ship	Wet ice

BACKGROUND

Introduction	DNAM 1 is a receptor expressed by peripheral blood T lymphocytes that is involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T lymphocytes. DNAM 1 is broadly expressed on T cells, NK cells, platelets, monocytes and a subset of B cells. DNAM-1 is also expressed by a subset of CD3 positive thymocytes. This antibody is reported to inhibit T- and NK cell mediated cytotoxicity against tumour cell targets and to block TNF alpha and IFN gamma secretion by alloantigen-specific T-cells.
Keywords	CD226;CD226 antigen;platelet and T cell activation antigen 1;platelet and T-cell activation antigen 1;Pta1;DNAM1

GENE INFORMATION

Gene Name	Cd226
Entrez Gene ID	225825
UniProt ID	Q8K4F0