

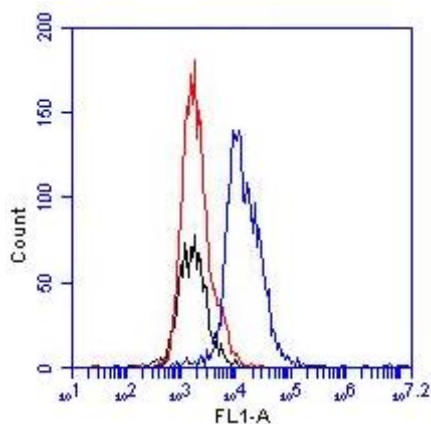
CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	DNAM-1, Mouse, clone TX92		
Catalog number	HM1137-100UG		
Lot number	-	Expiry date	-
Volume	1 ml	Amount	100 µg
Formulation	0.2 µm filtered in PBS+0.1%BSA	Concentration	100 µg/ml
Host Species	Rat IgG2b, kappa	Conjugate	None
Endotoxin	<24 EU/mg	Purification	Protein G
Storage	4°C		

Application notes

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #				1	1			
Yes				•	•			
No								
N.D.	•	•	•			•	•	•

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot



FC: Flow cytometric detection of DNAM-1 in mouse splenocytes. Red, blue and black line represent IgG2b Isotype control, splenocytes stained with DNAM-1 clone TX92 and unstained splenocytes respectively.

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

- FC: Antibody TX92 stains the extracellular domain of DNAM-1.
- FS: Antibody TX92 has an inhibitory function of DNAM-1 binding to the ligands. It additionally causes partial depletion of PB CD8⁺ T cells (Ref.1).

General Information

Description	DNAX accessory molecule-1 (DNAM-1) is a 65 kDa type I transmembrane glycoprotein and a member of the immunoglobulin superfamily. DNAM-1 is constitutively expressed on a majority of T cells, NK cells and macrophages. Interaction of DNAM-1 with DNAM-1 ligands CD155 and CD112 induces intercellular adhesion, infiltration and cell signaling, resulting in a variety of cellular responses including innate and adaptive immunities.
Immunogen	BW5417 transfectant expressing mouse DNAM-1, boosted with DNAM-1-fc fusion protein.
Aliases	DNAX accessory molecule-1, Cluster of Differentiation 226, CD226, PTA1

- References** 1. Yamashita, Y et al; Establishment and characterization of a novel anti-DNAM-1 monoclonal antibody. Monoclon Antib immunodiagn Immunother 2013, 32: 60
- Storage&stability** Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.
- Precautions** For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.
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We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Brenda Teunissen

Date
12/11/2019

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.