HLDA9 ANTIBODY VALIDATION FILE

ANTIBODY INFORMATION

Antibody Name: DR-4-02

Specificity: CD261, Human TRAIL-R1

Antibody species: Mouse

Ig Isotype: IgG1

Immunogen: Fusion protein containing the extracellular part of TRAIL-R1 and the constant part of the heavy chain of the human IgG1.

Epitope recognized: Not known

Submitter: Miloslav Suchánek (EXBIO Praha, Czech Republic)

INFORMATION FOR CONFIRMATION OF SPECIFICITY:

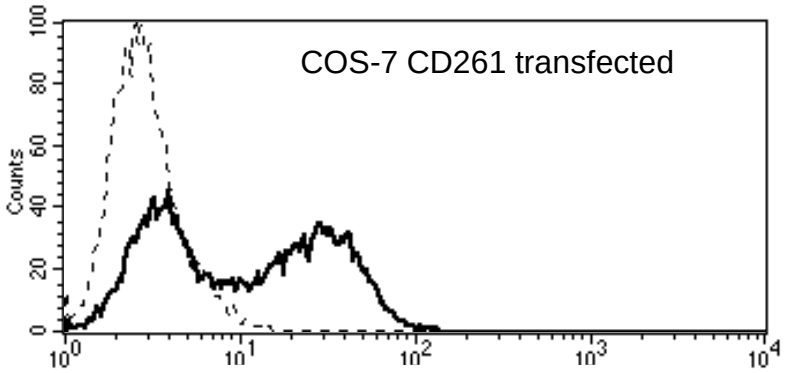
Expression on transfected COS: positive. (Fig. 1A)

Expression on the cell- surface of cell line: positive with Burkitt lymphoma B cell line Raji. (Fig. 1B)

Expression on cell- surface of normal cell: positive with PBL's Monocyte cells. (Fig. 1C)

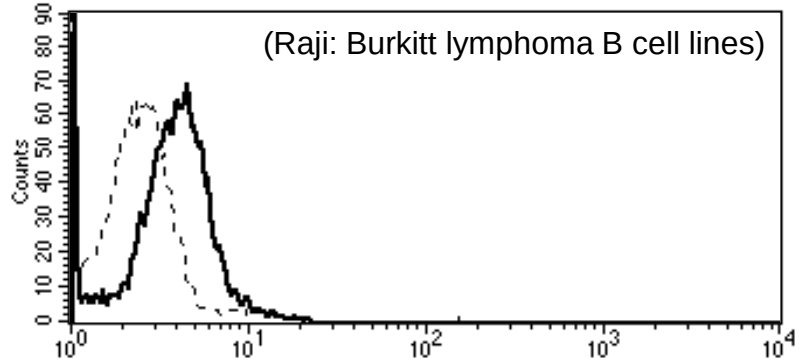
Figure 1

A



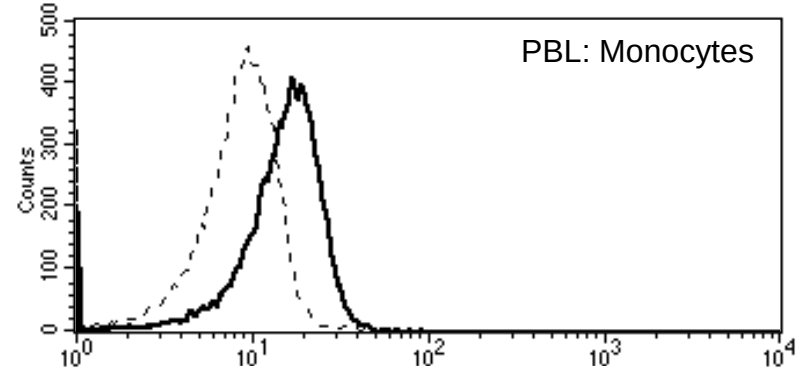
Clone name: DR-4-02

B



Clone name: DR-4-02

C



Clone name: DR-4-02

Reactivity of CD261 with cell lines

	Cell lines	CD261
Burkitt lymphoma B cell lines	Raji	**++**
T cell leukemia	Jurkat	**-**
NK cell leukemia	YT	**-**
Myeloid leukemia	HL60	**-**

Reactivity of CD261 with PBL

Lymphocytes	+
Granulocytes	-
Monocytes	++

INFORMATION PROVIDED BY SUBMITTER

Publications:

Símová S, Klíma M, Cermak L, Sourková V, Andera L. Arf and Rho GAP adapter protein ARAP1 participates in the mobilization of TRAIL-R1/DR4 to the plasma membrane. Apoptosis. 2008 Mar;13(3):423-36.

Franzen CA, Chen CC, Todorović V, Juric V, Monzon RI, Lau LF. Matrix protein CCN1 is critical for prostate carcinoma cell proliferation and TRAIL-induced apoptosis. Mol Cancer Res. 2009 Jul;7(7):1045-55.

Patents:

Licensed to a company and which one:

Was it evaluated in a previous workshop? No