

HLDA9 ANTIBODY VALIDATION FILE

ANTIBODY INFORMATION

Antibody Name: 2E5

Specificity: CD253, Human TRAIL

Antibody species: Mouse

Ig Isotype: IgG1

Immunogen: Recombinant fragment (aa 95-281) of human TRAIL.

Epitope recognized: Not known

Submitter: Miloslav Suchánek (EXBIO Praha, Czech Republic)

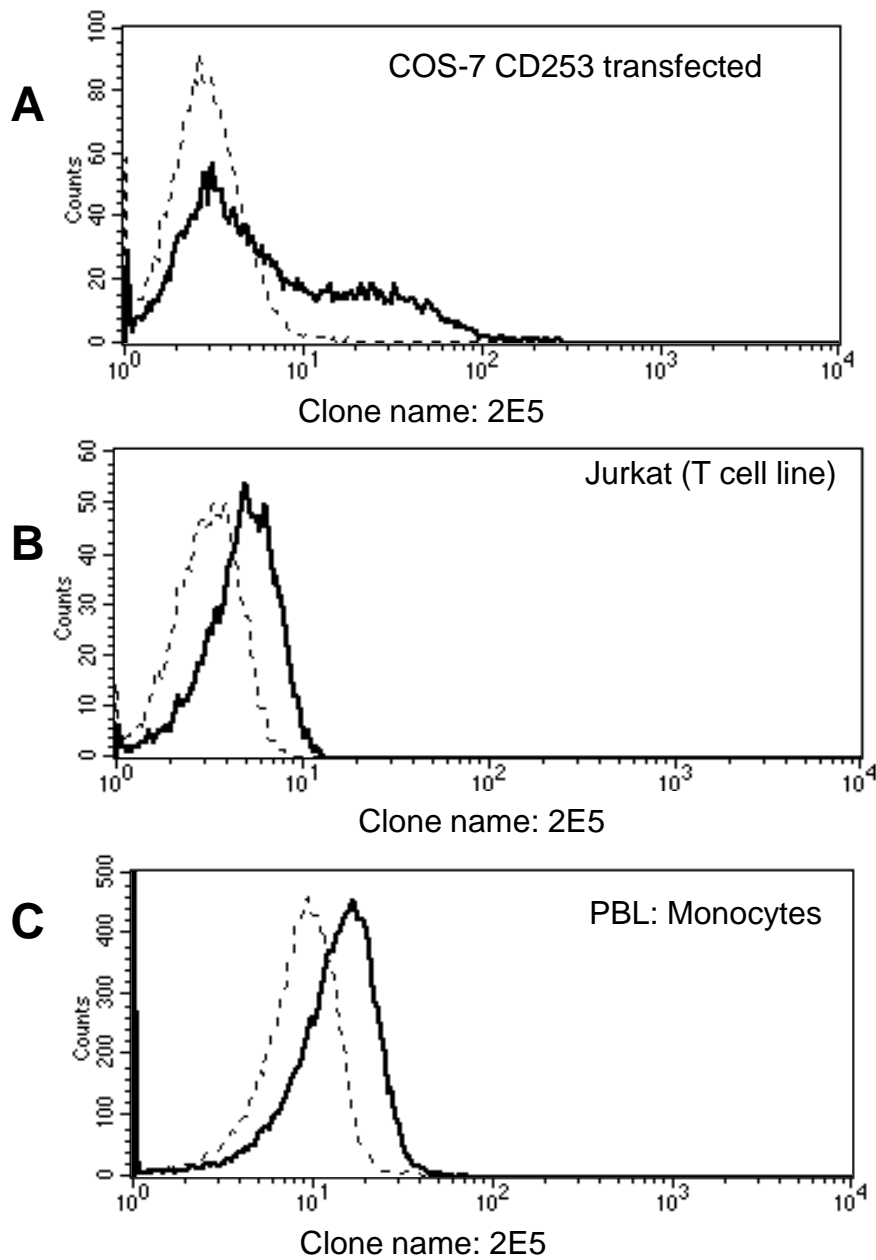
INFORMATION FOR CONFIRMATION OF SPECIFICITY:

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

Expression on the cell- surface of cell line: positive with T cell leukemia cell line Jurkat. (Fig. 1B)

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

Figure 1



Reactivity of CD253 with cell lines

	Cell lines	CD253
Burkitt lymphoma B cell lines	Raji	-
T cell leukemia	Jurkat	+
NK cell leukemia	YT	-
Myeloid leukemia	HL-60	-

Reactivity of CD253 with PBL

Lymphocytes	-
Granulocytes	-
Monocytes	++

INFORMATION PROVIDED BY SUBMITTER

Publications:

Plasilova M, Zivny J, Jelinek J, Neuwirtova R, Cermak J, Necas E, Andera L, Stopka T. TRAIL (Apo2L) suppresses growth of primary human leukemia and myelodysplasia progenitors. *Leukemia*. 2002 Jan;16(1):67-73.

Hyer ML, Croxton R, Krajewska M, Krajewski S, Kress CL, Lu M, Suh N, Sporn MB, Cryns VL, Zapata JM, Reed JC. Synthetic triterpenoids cooperate with tumor necrosis factor-related apoptosis-inducing ligand to induce apoptosis of breast cancer cells. *Cancer Res*. 2005 Jun 1;65(11):4799-808.

Patents: No

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Was it evaluated in a previous workshop? No