

HLDA9 ANTIBODY VALIDATION FILE

ANTIBODY INFORMATION

Antibody Name: TREM-26

Specificity: CD354, Human TREM1

Antibody species: Mouse

Ig Isotype: IgG1 (Kappa)

Immunogen: Recombinant Human TREM-1

Epitope recognized:

Submitter: BioLegend

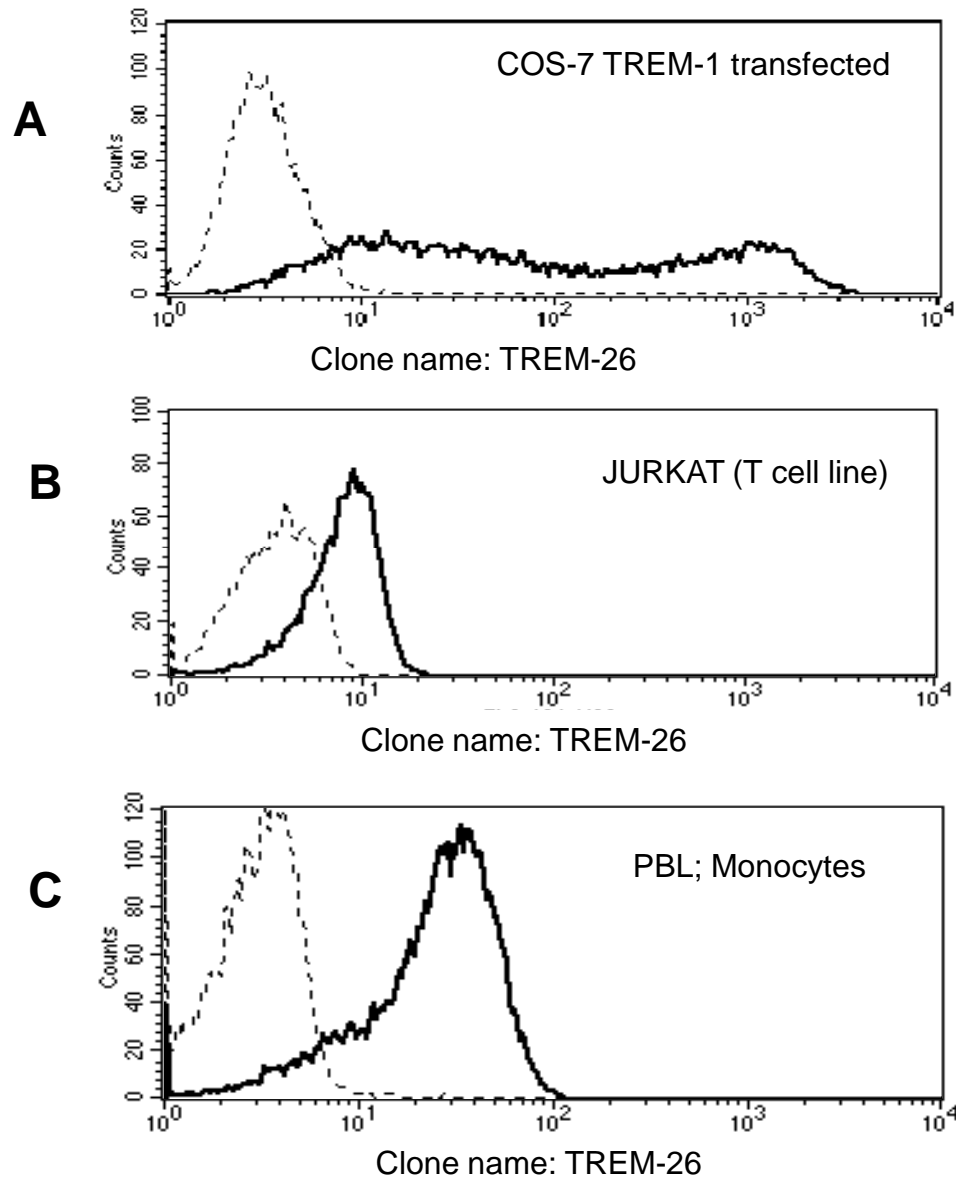
INFORMATION FOR CONFIRMATION OF SPECIFICITY:

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

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

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

Figure 1:



Reactivity of CD354 with cell lines

	Cell lines	CD354
EBV-transformed B cells	CESS	++
Burkitt lymphoma B cell lines	Raji	-
	Daudi	+
	Namalwa	++
	Ramos	+++
Multiple myeloma	RPMI8226	-
T cell leukemia	Jurkat	+++
	HSB2	++
NK cell leukemia	YT	++
Myeloid leukemia	HL-60	+
	K-562	+
	U-937	+

Reactivity of CD354 with PBL

Lymphocytes	+
Granulocytes	++++
Monocytes	++++

INFORMATION PROVIDED BY SUBMITTER

Publications:

Bouchon A, Facchetti F, Weigand MA, Colonna M. TREM-1 amplifies inflammation and is a crucial mediator of septic shock. *Nature*. 2001 Apr 26;410(6832):1103-7

Bouchon A, Dietrich J, Colonna M. Cutting edge: inflammatory responses can be triggered by TREM-1, a novel receptor expressed on neutrophils and monocytes. *J Immunol*. 2000 May 15;164(10):4991-5.

Gingras MC, Lapillonne H, Margolin JF. TREM-1, MDL-1, and DAP12 expression is associated with a mature stage of myeloid development. *Mol Immunol*. 2002 Mar;38(11):817-24

Patents:

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Was it evaluated in a previous workshop? No