

HLDA9 ANTIBODY VALIDATION FILE

ANTIBODY INFORMATION

Antibody Name: 305515

Specificity: CD362, Human Syndecan-2

Antibody species: Rat

Ig Isotype: IgG2b

Immunogen:

Epitope recognized:

Submitter: R&D Systems

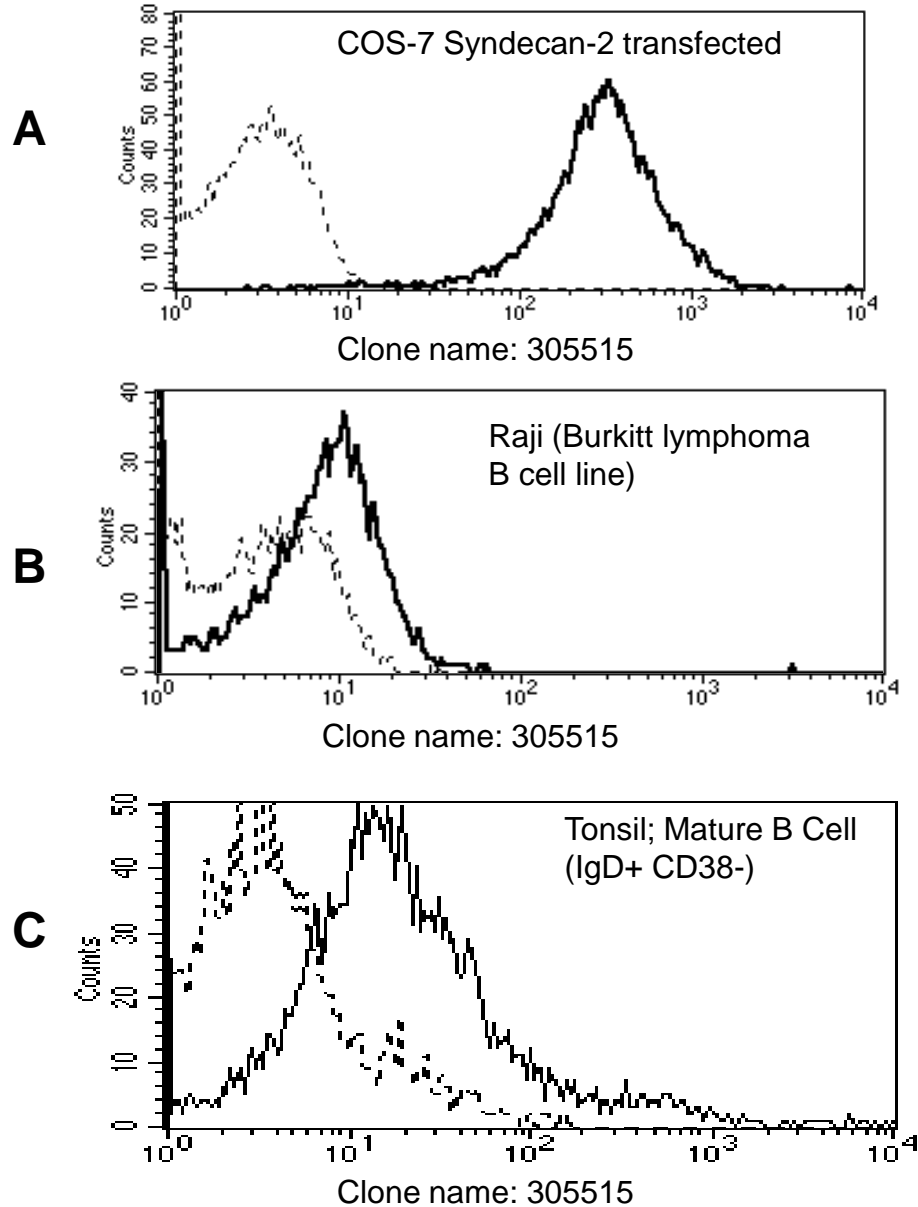
INFORMATION FOR CONFIRMATION OF SPECIFICITY:

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 tonsil Mature B cells (IgD+ CD38-).
(Fig. 1C)

Figure 1:



Reactivity of CD362 with cell lines

	Cell lines	CD362
Burkitt lymphoma B cell lines	Daudi	-
	Raji	+
T cell leukemia	Jurkat	-
NK cell leukemia	YT	-
Myeloid leukemia	HL-60	-
	U-937	++++

Reactivity of CD362 with PBL

Lymphocytes	+
Granulocytes	++
Monocytes	++

INFORMATION PROVIDED BY SUBMITTER

Publications:

Ceballos A, Remes Lenicov F, Sabatté J, Rodríguez Rodríguez C, Cabrini M, Jancic C, Raiden S, Donaldson M, Agustín Pasqualini R Jr, Marin-Briggiler C, Vazquez-Levin M, Capani F, Amigorena S, Geffner J. Spermatozoa capture HIV-1 through heparan sulfate and efficiently transmit the virus to dendritic cells. *J Exp Med*. 2009 Nov 23;206(12):2717-33.

Teixé T, Nieto-Blanco P, Vilella R, Engel P, Reina M, Espel E. Syndecan-2 and -4 expressed on activated primary human CD4+ lymphocytes can regulate T cell activation. *Mol Immunol*. 2008 May;45(10):2905-19.

Patents:

Licensed to a company and which one: R&D Systems

Was it evaluated in a previous workshop? No