

SIGLEC2

CONTACT INFORMATION:	University of Oxford marketed by Ximbio.com
TYPE:	mouse anti human
CLONE NAME:	4KB128
PROTEIN:	Sialic acid binding Ig-like lectin 2 (SIGLEC2, CD22, BL-CAM)
PROTEIN WEB:	https://www.omim.org/entry/107266
ANTIGEN USED:	B cell lymphoma cells
FUSION PARTNER:	P3/NS1/1-Ag4.1
ISOTYPE:	IgG1 kappa
SPECIES REACTIVITY:	Human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
COMMERCIALIZED BY:	Ximbio.com
APP RECOMMENDED:	FACS

DESCRIPTION

SIGLEC-2 is first expressed in the cytoplasm of pre- and pro- B cells. SIGLEC-2 is broadly expressed in normal and neoplastic B cells and absent from other leucocytes and tissues. SIGLEC-2 is a member of the immunoglobulin superfamily and serves as an adhesion receptor for sialic acid-bearing ligands expressed on erythrocytes and all leukocyte classes. It also associates with tyrosine kinases and play a role in signal transduction and B-cell activation. SIGLEC-2 is strongly expressed in hairy cell leukaemias.

PUBLICATION DESCRIBING ANTIBODY CHARACTERIZATION/VALIDATION

Blood. 1987 Mar;69(3):836-40.

Value of monoclonal anti-CD22 (p135) antibodies for the detection of normal and neoplastic B lymphoid cells.

Mason DY, Stein H, Gerdes J, Pulford KA, Ralfkiaer E, Falini B, Erber WN, Micklem K, Gatter KC.

PMID: 3101766

<https://www.ncbi.nlm.nih.gov/pubmed/3101766>