

## CD22

CONTACT INFORMATION:	University of Oxford marketed by Ximbio.com
TYPE:	mouse anti human
CLONE NAME:	To15
PROTEIN:	CD22
PROTEIN WEB:	<a href="https://www.omim.org/entry/107266">https://www.omim.org/entry/107266</a>
ANTIGEN USED:	Tonsil cells
FUSION PARTNER:	P3/NS1/1-Ag4.1
ISOTYPE:	IgG2b kappa
SPECIES REACTIVITY:	Human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
COMMERCIALIZED BY:	Ximbio.com
APP RECOMMENDED:	FACS

### DESCRIPTION

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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

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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>