

Leu1

CONTACT INFORMATION:	University of Oxford marketed by Ximbio.com
TYPE:	mouse anti human
CLONE NAME:	Y2/178
PROTEIN:	Leu1 (CD5)
PROTEIN WEB:	https://www.omim.org/entry/153340
ANTIGEN USED:	Normal lymphocytes treated with PHA (phytohaemagglutinin)
FUSION PARTNER:	P3/NS1/1-Ag4.1
ISOTYPE:	IgG1
SPECIES REACTIVITY:	Human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
COMMERCIALIZED BY:	Ximbio.com
APP RECOMMENDED:	FACS IHC IF IP WB

DESCRIPTION

CD5 is a surface glycoprotein present on peripheral T cells (>95%) and B-cell chronic lymphocytic leukaemia cells that binds CD72. CD5 has utility for the monitoring of T-cell numbers in peripheral blood and the identification of leukaemias of T cell origin. Absence of the CD5 marker on childhood ALL cells is associated with a more favourable prognosis.

REFERENCES

Mol Cell Biol. 2006 Sep;26(17):6727-38.

CD6 regulates T-cell responses through activation-dependent recruitment of the positive regulator SLP-76.

Hassan NJ1, Simmonds SJ, Clarkson NG, Hanrahan S, Puklavec MJ, Bomb M, Barclay AN, Brown MH.

PMID: 16914752

<https://www.ncbi.nlm.nih.gov/pubmed/16914752>