

Large Neutral Amino Acid Transporter / LAT1 (CD98) Antibody (FITC)

Catalogue No.: abx139879



Fluorescence emission spectra of FITC.

CD98 Antibody is a Mouse Monoclonal against CD98.

Target:	Large Neutral Amino Acid Transporter / LAT1 (CD98)
Clonality:	Monoclonal
Clone:	E758
Reactivity:	Human
Tested Applications:	FCM
Host:	Mouse
Recommended dilutions:	FCM: 20 µl/100 µl of whole blood or 10 ⁶ cells. Validated in IHC-P. Optimal dilutions/concentrations should be determined by the end user. The content of a vial (2 ml) is sufficient for 100 tests.
Conjugation:	FITC
Excitation/Emission:	499/515
Laser Line:	488
Immunogen:	RAJI Human Burkitt's lymphoma cell line.
Isotype:	IgG ₁
Storage:	Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.
UniProt Primary AC:	Q01650 (UniProt , ExPASy)
Gene Symbol:	SLC7A5

Datasheet

Version: 1.0.0
Revision date: 30 Oct 2025



GeneID:	8140
KEGG:	hsa:8140
String:	9606.ENSP00000261622
Buffer:	Stabilizing PBS solution containing 15 mM sodium azide.
Specificity:	The antibody reacts with CD98, a 125 kDa disulfide-linked heterodimer (80 kDa glycosylated heavy chain + 45 kDa non-glycosylated light chain). CD98 is expressed on T lymphocytes (upon activation) and activated NK cells; it is also present at low levels on B lymphocytes, NK cells, monocytes and platelets.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only