

Leukocyte Surface Antigen CD47 (CD47) Antibody (FITC)

Catalogue No.: abx139290



Fluorescence emission spectra of FITC.

CD47 Antibody is a Mouse Monoclonal against CD47.

Target:	Leukocyte Surface Antigen CD47 (CD47)
Clonality:	Monoclonal
Clone:	Z974
Reactivity:	Human, Pig, Monkey
Tested Applications:	FCM
Host:	Mouse
Recommended dilutions:	FCM: 20 µl/100 µl of whole blood or 10 ⁶ cells. Validated in IHC-F. 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:	COS-7 (African green monkey) cells.
Isotype:	IgM
Storage:	Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.
UniProt Primary AC:	Q08722 (UniProt , ExpASY)
Gene Symbol:	CD47

Datasheet

Version: 3.0.0
Revision date: 12 Mar 2025



GeneID:	961
OMIM:	601028
HGNC:	1682
KEGG:	hsa:961
Ensembl:	ENSG00000196776
String:	9606.ENSP00000355361
Buffer:	Stabilizing TBS solution with 15 mM sodium azide.
Specificity:	The antibody reacts with CD47 (Integrin Associated Protein), a 50-55 kDa membrane adhesion molecule (thrombospondin receptor; immunoglobulin supergene family) expressed on leukocytes, platelets and erythrocytes. It is also expressed on epithelial cells, endothelial cells, fibroblasts and many tumor cell lines.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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