

## ARG43858 anti-CD37 antibody [MB-1] (PE)

Package: 100 tests  
Store at: 4°C

### Summary

Product Description	PE-conjugated Mouse Monoclonal antibody recognizes CD37
Tested Reactivity	Hu
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	MB-1
Isotype	IgG1 kappa
Target Name	CD37
Species	Human
Immunogen	Lymph node cells
Conjugation	PE
Alternate Names	CD37; CD37 Molecule; TSPAN26; Leukocyte Antigen CD37; Tetraspanin-26; CD37 Antigen; Tspan-26; Cell Differentiation Antigen 37; Leukocyte Surface Antigen CD37; GP52-40

### Application Instructions

Application table	Application	Dilution
	FACS	10 µl / 10 <sup>6</sup> cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Protein-A affinity chromatography
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Storage instruction	Aliquot and store in the dark at 4°C. Keep protected from prolonged exposure to light. Do not freeze. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

### Bioinformation

Gene Symbol	CD37
Gene Full Name	CD37 Molecule

## Background

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms.

Calculated Mw

32 kDa

PTM

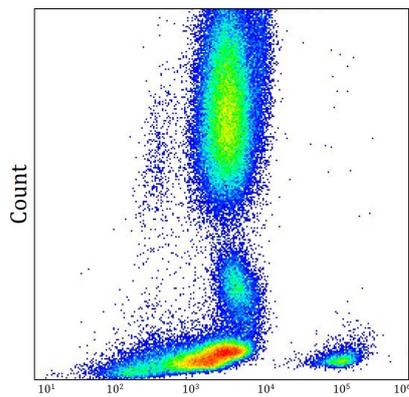
Glycoprotein

Cellular Localization

Membrane

## Images

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ARG43858 anti-CD37 antibody [MB-1] (PE) FACS image

Flow Cytometry: Human whole blood stained with ARG43858 anti-CD37 antibody [MB-1] (PE) at 10  $\mu$ l / 100  $\mu$ l.