

ICAM1 / CD54 antibody [15.2] (PE)

Cat. No. GTX75219

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	FACS
Reactivity	Human, Pig

Reference (15)
Package
100 test

PRODUCT

Summary

The 15.2 antibody reacts with human CD54, also known as ICAM-1 (Intercellular Adhesion Molecule 1), a 90-110 kDa cell surface glycoprotein that is inducibly expressed on both immune and endothelial cells. As its name implies, ICAM-1 participates in cell-cell adhesion between leukocytes and endothelial cells, facilitating leukocyte recruitment and transmigration at sites of inflammation. The ligands for ICAM-1 are also expressed on leukocyte and endothelial cells, and include Mac-1, fibrinogen, and a member of the integrin α protein family, LFA-1 (CD11a).

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FACS	0.5 μ g (5 μ l) for 10^5 - 10^8 cells in 100 μ l sample per test
Not tested in other applications.	

Calculated MW 58 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human monocytes
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Phycoerythrin (PE)

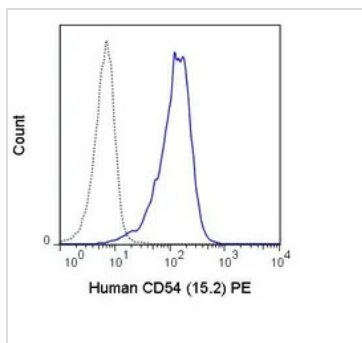


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Note

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DATA IMAGES

GTX75219 FACS Image

FACS analysis of human peripheral blood monocytes using GTX75219 ICAM1 / CD54 antibody [15.2] (PE).

Solid line : Primary antibody

Dashed line : PE mouse IgG1 isotype control

Antibody amount : 0.5 µg



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