

CD23 antibody [EBVCS-5] (PE)

Cat. No. GTX01482-08

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM
Reactivity	Human

References (5)

Package

100 test

PRODUCT

Summary

The EBVCS-5 antibody is specific for human CD23, also known as the low affinity IgE receptor (FcεRII), a 45 kDa type II transmembrane protein and member of the immunoglobulin superfamily. It is expressed on most B cells and is upregulated upon activation. It is also present on mantle zone B cells, eosinophils, monocytes and a subset of T cells and platelets. CD23 plays a role in B cell development and differentiation, and also functions to regulate IgE production. Soluble secreted forms of CD23 have been reported to bind IgE, stimulate release of pro-inflammatory cytokines from monocytes, and play a role in B cell differentiation.

Applications

Application Note

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

Suggested dilution	Recommended dilution
FCM	0.25 µg (5 µl) for 10 ⁵ -10 ⁸ cells in 100 µl sample per test

Not tested in other applications.

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	0.05 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Phycoerythrin (PE) Wavelength

Note

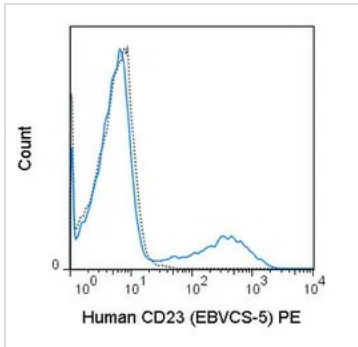
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DATA IMAGES

**GTX01482-08 FCM Image**

FACS analysis of human peripheral blood lymphocytes using GTX01482-08 CD23 antibody [EBVCS-5] (PE).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.25 μ g (5 μ l)



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