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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD23 antibody [EBVCS-5] (APC)

Cat No. GTX01482-07

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	FACS
Reactivity	Human

Reference (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.

APPLICATION

Application Note

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

Suggested dilution	Dilution
FACS	0.125 µg (5 µl) for 10 ⁵ -10 ⁸ cells in 100 µl sample per test

Not tested in other applications.

Calculated MW 36 kDa. ([Note](#))

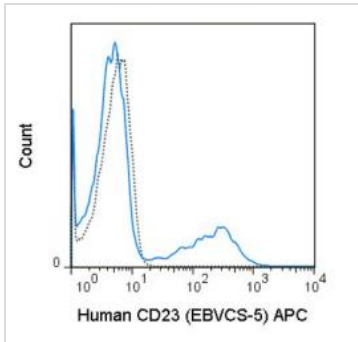
PROPERTIES

Form	Liquid
Buffer	10 mM NaH ₂ PO ₄ (pH 7.2), 150 mM NaCl, 0.09% sodium azide, 0.1% gelatin
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.025 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Allophycocyanin (APC)
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).

DATA IMAGES

**GTX01482-07 FACS Image**

FACS analysis of human peripheral blood lymphocytes using GTX01482-07 CD23 antibody [EBVCS-5] (APC).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.125 μ g (5 μ l)



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