Anti-Human CD23-160Gd

Catalog: 3160020B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 x 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

CD23 is a 45 kDa type II transmembrane glycoprotein, also known as Leu-20 and FcεRII. CD23 is expressed on monocytes, mantle zone B cells, mature B cells, follicular dendritic cells and at low levels on T, NK, langerhans cells and platelets. B cell activation results in the upregulation of CD23 expression. CD23 triggering results in release of pro-inflammatory cytokines in monocytes including TNF-α, IL-1, IL-6, and GM-CSF. CD23 can be proteolytically cleaved to generate soluble CD23, which has been reported to be biologically active.

References


Human PBMCs stained with 147Sm-anti-CD20 (2H7) and 160Gd-anti-CD23 (EBVCS-5). T and B cells are displayed in the analysis.

For technical support visit fluidigm.com/support

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