

## Product datasheet

# Anti-CD23 antibody [MM0164-2C23] ab89253

### Overview

<b>Product name</b>	Anti-CD23 antibody [MM0164-2C23]
<b>Description</b>	Mouse monoclonal [MM0164-2C23] to CD23
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, Neutralising, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Human recombinant CD23 extracellular domain

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	The IgG fraction of culture supernatant was purified by Protein G affinity chromatography.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MM0164-2C23
<b>Isotype</b>	IgG1

### Applications

Our [Abpromise guarantee](#) covers the use of **ab89253** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 36 kDa.
Neutralising		Use at an assay dependent concentration.
Flow Cyt		1/50 - 1/100. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

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<b>Function</b>	This receptor has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).
<b>Sequence similarities</b>	Contains 1 C-type lectin domain.
<b>Post-translational modifications</b>	N- and O-glycosylated.
<b>Cellular localization</b>	Cell membrane. Secreted. Also exists as a soluble excreted form.

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