



20150116ML

# Anti-Human CD23 (#2C23)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M297</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of CD23 extracellular domain (also called Fc ε RII).

## Target Background

<b>Synonyms (Target):</b>	FCER2; CD23; FCE2; CD23A; IGEBF; CLEC4J
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CD23, also known as Fc epsilon RII, is a type 2 transmembrane C-type lectin that binds IgE, CD21, CD11b and CD11c. It is expressed on a variety of hematopoietic cells and functions in allergic immune responses.

## Database References Target

<b>Protein RefSeq:</b>	NP_001993.2
<b>Uniprot ID:</b>	P06734
<b>mRNA RefSeq:</b>	NM_002002.4

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#2C23)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	Human recombinant CD23 EC domain
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect human CD23.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, FC, N

### Recommended usage:

**WB:** 1:500-1000

**FC:** 1:50-100

**Neutralization:** Yes

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**