



# Anti-CD23 polyclonal antibody [Biotin] (DPABY-588)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Detects human CD23 in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with rmSIGNR1 Fc Chimera, rhDC-SIGNR Fc Chimera and rhDC-SIGN Fc Chimera is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human CD23. Met150-Ser321 Accession Number P06734
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None

<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FCER2 Fc fragment of IgE, low affinity II, receptor for (CD23) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FCER2
<b>Synonyms</b>	FCER2; Fc fragment of IgE, low affinity II, receptor for (CD23); CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2; low affinity immunoglobulin epsilon Fc receptor; CD23 antigen; fc-epsilon-R II; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lec
<b>Entrez Gene ID</b>	<a href="#">2208</a>
<b>Protein Refseq</b>	<a href="#">NP_001193948</a>
<b>UniProt ID</b>	<a href="#">K3W4U1</a>
<b>Chromosome Location</b>	19p13.3
<b>Pathway</b>	Epstein-Barr virus infection; Hematopoietic cell lineage; IL-3 Signaling Pathway; IL4-mediated signaling events; NOTCH2 intracellular domain regulates transcription; Signal Transduction; Signaling by NOTCH; Signaling by NOTCH2;
<b>Function</b>	IgE binding; carbohydrate binding; integrin binding; metal ion binding;