



Anti-FCER2 monoclonal antibody, clone D3.6 [R-PE] (CABT-45788MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD23 antibody, clone D3.6 recognizes CD23, a 45kDa cell surface glycoprotein that acts as a low affinity receptor for IgE. CD23 is expressed by B cells in the follicular mantle but not by proliferating germinal centre cells. CD23 is also expressed by eosinophils. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
Specificity	FCER2
Immunogen	Immunoprecipitated CD23 antigen from purified plasma membranes from EBV-transformed human lymphoblastoid B cell lines
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	D3.6
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected

from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	FCER2 Fc fragment of IgE, low affinity II, receptor for (CD23) [Homo sapiens (human)]
Official Symbol	FCER2
Synonyms	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-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type Iec
Entrez Gene ID	2208
Protein Refseq	NP_001193948
UniProt ID	P06734
Chromosome Location	19p13.3
Pathway	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;
Function	IgE binding; carbohydrate binding; integrin binding; metal ion binding;