



Anti-FCER2A monoclonal antibody, clone 2G8 [R-PE] (CABT-45795RM)

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

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD23 antibody, clone 2G8 recognizes the murine CD23 cell surface antigen, a ~49kDa glycoprotein expressed by most mature B cells, and also on some T cells, macrophages and platelets. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Specificity	FCER2A
Immunogen	Fc Epsilon R isolated from the 01.2B2 cell line.
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	2G8
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	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	Fcer2a Fc receptor, IgE, low affinity II, alpha polypeptide [Mus musculus (house mouse)]
Official Symbol	FCER2A
Synonyms	FCER2A; Fc receptor, IgE, low affinity II, alpha polypeptide; CD23; Fce2; Fcer2; Ly-42; low affinity immunoglobulin epsilon Fc receptor; FC epsilon RII; fc-epsilon-RII; lymphocyte IgE receptor; low-affinity IgE receptor;
Entrez Gene ID	14128
Protein Refseq	NP_001240666
UniProt ID	P20693
Chromosome Location	8 A1; 8 1.92 cM
Pathway	Epstein-Barr virus infection; Hematopoietic cell lineage; IL-3 Signaling Pathway;
Function	IgE binding; carbohydrate binding; metal ion binding;