



# 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

<b>Product Overview</b>	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.
<b>Specificity</b>	FCER2A
<b>Immunogen</b>	Fc Epsilon R isolated from the 01.2B2 cell line.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	2G8
<b>Conjugate</b>	PE
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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	<a href="#">Fcer2a Fc receptor, IgE, low affinity II, alpha polypeptide [ Mus musculus (house mouse) ]</a>
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	<a href="#">14128</a>
Protein Refseq	<a href="#">NP_001240666</a>
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;