CD23 Antibody (RQ4216)

Catalog No.	Formulation	Size
RQ4216	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P06734
Applications	Western Blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This CD23 antibody is available for research use only.



Western blot testing of rat 1) spleen and 2) thymus tissue with CD23 antibody at 0.5ug/ml. Expected molecular weight: 37-45 kDa.

Description

Low-affinity receptor for immunoglobulin E (IgE) and CR2/CD21. Has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen). [UniProt]

Explore our central CD23 antibody resource page for additional western blot, immunohistochemistry, and microarray

specificity validation data supporting studies of B-cell activation, germinal center biology, and IgE receptor signaling pathways.

Application Notes

Optimal dilution of the CD23 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids D48-R284 was used as the immunogen for the CD23 antibody.

Storage

After reconstitution, the CD23 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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