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Datasheet for ABIN7267160 anti-FCER2 antibody

5 Images



Overview

Quantity:	100 µL
Target:	FCER2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This FCER2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

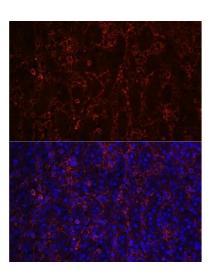
Purpose:	CD23 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD23
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

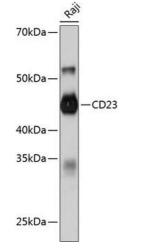
Target Details

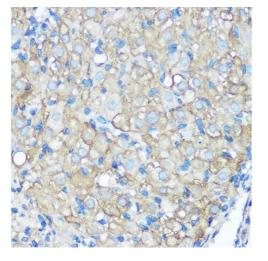
Target:	FCER2
Alternative Name:	FCER2 (FCER2 Products)
Background:	The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE.

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	It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011],BLAST-2, CD23, CD23A, CLEC4J, FCE2, IGEBF,CDs,Hematopoietic Progenitors,Immunology & Inflammation,Stem Cells,FCER2
Molecular Weight:	36kDa
Gene ID:	2208
UniProt:	P06734
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







Immunofluorescence

Image 1. Immunofluorescence analysis of human spleen using CD23 Rabbit mAb (ABIN7267160) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of Raji cells, using CD23 Rabbit mAb (ABIN7267160) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat ovary using CD23 Rabbit mAb (ABIN7267160) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 5 images are available for ABIN7267160.

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