

Mouse anti-Human, Rat Cluster Of Differentiation 23 (CD23) Monoclonal Antibody | anti-CD23 antibody

Monoclonal Antibody to Cluster Of Differentiation 23 (CD23)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152941	Mouse	Human, Rat	Immunohistochemistry, Western Blot

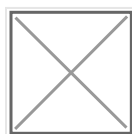
PRODUCT SYNONYMS

Cluster Of Differentiation 23 (CD23); Monoclonal Antibody; Monoclonal Antibody to Cluster Of Differentiation 23 (CD23); Cluster Of Differentiation 23; FcεRII; FCER2; BLAST-2; CLEC4J; FCE2; IGEBF; Receptor II For The Fc Region Of Immunoglobulin E; C-type lectin domain family 4 member J; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; anti-CD23 antibody

PRODUCT SPECIFICATIONS

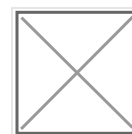
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C4
Specificity	The antibody is a mouse monoclonal antibody raised against CD23. It has been selected for its ability to recognize CD23 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Asp48~Ser321
Applicable Applications for anti-CD23 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Eukaryotic Cluster Of Differentiation 23 (CD23)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: THP1 cell lysate Primary Ab: 1ug/ml Mouse Anti-human CD23 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Rat Lymph node Tissue; Primary Ab: 30ug/ml Mouse Anti-human CD23 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD23 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; CD & Adhesion molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119862
NCBI GeneID	2208
UniProt Accession #	P06734
Molecular Weight	321
NCBI Official Full Name	Low affinity immunoglobulin epsilon Fc receptor
NCBI Official Synonym Full Names	Fc fragment of IgE, low affinity II, receptor for (CD23)
NCBI Official Symbol	FCER2
NCBI Official Synonym Symbols	CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2
NCBI Protein Information	low affinity immunoglobulin epsilon Fc receptor; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J
UniProt Protein Name	Low affinity immunoglobulin epsilon Fc receptor
UniProt Gene Name	FCER2
UniProt Synonym Gene Names	CD23A; CLEC4J; FCE2; IGEBF
UniProt Entry Name	FCER2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cluster-of-differentiation-23-cd23-antibody-clone-c4-immunohistochemistry-western-blot-elisa/152941>