

Mouse CD23 Monoclonal Antibody | anti-CD23 antibody

CD23 (3D1) Mouse mAb

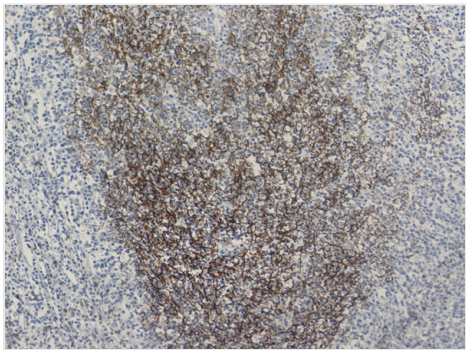
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23992	Mouse	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

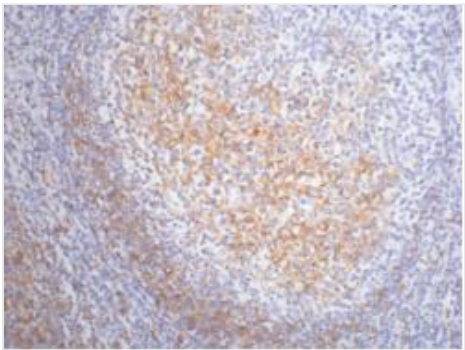
CD23; Monoclonal Antibody; CD23 (3D1) Mouse mAb; Fc fragment of IgE low affinity II receptor for; FCER 2; Lymphocyte antigen CD23; Lymphocyt; anti-CD23 antibody

PRODUCT SPECIFICATIONS

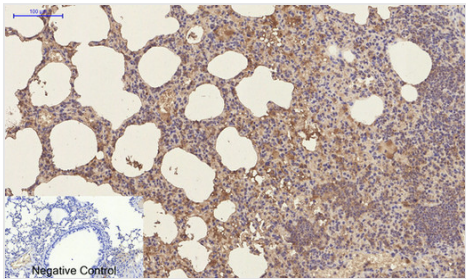
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3D1-2G4-9B6
Specificity	The antibody detects endogenous CD23 proteins.
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-CD23 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	IF: 1:50-200 IHC: 1:200
Immunogen	Synthetic Peptide of CD23
Conjugation	Unconjugated
Modification	Unmodified
Cell Position	Cell membrane, Membrane, Secreted
Preparation and Storage	Store at 4 degree C for short term. Store at -20 degree C for long term. Avoid freeze/thaw cycle.



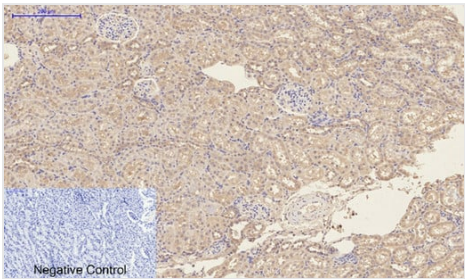
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human tonsils using CD23 (3D1) Mouse mAb.



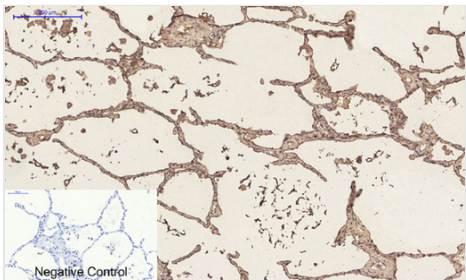
IHC (Immunohistochemistry)
IHC staining of Human tonsil tissue paraffin-embedded, diluted at 1:200.



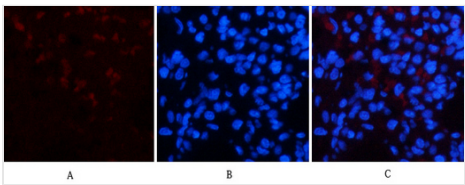
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1,CD23 Monoclonal Antibody(1E9) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,CD23 Monoclonal Antibody(1E9) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1,CD23 Monoclonal Antibody(1E9) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IF (Immunofluorescence)
Immunofluorescence analysis of rat-lung tissue. 1,CD23 Monoclonal Antibody(1E9)(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

ADDITIONAL INFORMATION

Related Product Information for anti-CD23 antibody	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).MiscellaneousThere are two kinds of Fc receptors for IgE, which differ in both structure and function: high affinity receptors on basophils and mast cells and low affinity receptors on lymphocytes and monocytes.
Product Categories/Family for anti-CD23 antibody	Primary antibody

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/cd23-antibody-clone-3d1-2g4-9b6-immunocytochemistry-immunofluorescence-immunohistochemistry-immunohistochemistry-elisa/23992>