

CD19 recombinant antibody

Recombinant Anti-CD19 Antibody, Rabbit Monoclonal

CATALOG # AAA259532	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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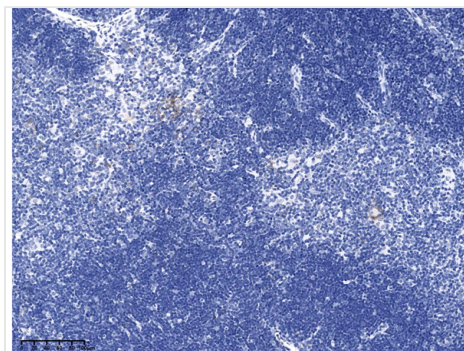
PRODUCT SYNONYMS

CD19; Monoclonal Recombinant Antibody; Recombinant Anti-CD19 Antibody; Rabbit Monoclonal; CD19 Antibody; Rabbit MAb; CD19 molecule; Anti-Cd19 Antibody; CD19 recombinant antibody

PRODUCT SPECIFICATIONS

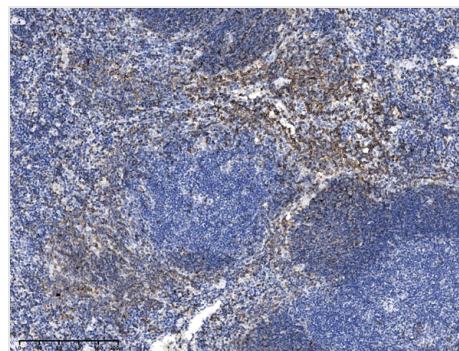
Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	027
Specificity	Mouse CD19
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for CD19 recombinant antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CD19 Protein (NP_033974.2; Met1-Gly287).
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of Mouse CD19 in Mouse thymus with rabbit monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of Mouse CD19 in Mouse spleen with rabbit monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for CD19 recombinant antibody	The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. Cluster of differentiation 19 (CD19) is a member of CD system. CD19 is a cell surface molecule that assembles with the antigen receptor of B-cells. This results in a descent in the threshold for antigen receptor-dependent stimulation. A simplified view holds that the ability of B-cells to respond to the various antigens in a specific and sensitive manner is achieved in the presence of low-affinity antigen receptors. CD19 primarily acts as a B-cell co-receptor in conjunction with CD21 and CD81. The formation of the receptor complex is induced by antigen and CD19, induced by exogenous antigen, has been found cytoplasmic tail phosphorylated and bind to slg.
Product Categories/Family for CD19 recombinant antibody	B Cell Receptor Signaling Pathway; Cancer Drug Targets
References	Zol. H. e. al. (2007). C. molecule. 2006-huma. cel. differentiatio. molecules. . Immuno. Methods. 31. (1-2). 1-5. H. IC. e. al. (2009). GATA. an. th. T-cel. lineage. essentia. function. befor. an. afte. T-helper-2-cel. differentiation. Na. Re. Immunol. . (2). 125-35. Matesanz-Isabe. J. e. al. (2011). Ne. B-cel. C. molecules. Immunolog. Letters.13. (2). 104-12. Carte. RH. e. al. (1992). CD19. lowerin. th. threshol. fo. antige. recepto. stimulatio. o. . lymphocytes. Science. 25. (5053). 105-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	146149173
NCBI GeneID	12478
NCBI Accession #	NP_033974.2
NCBI GenBank Nucleotide #	NM_009844.2
Molecular Weight	60,149 Da
NCBI Official Full Name	B-lymphocyte antigen CD19
NCBI Official Synonym Full Names	CD19 antigen
NCBI Official Symbol	Cd19
NCBI Official Synonym Symbols	AW495831
NCBI Protein Information	B-lymphocyte antigen CD19; differentiation antigen CD19

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://www.aaabiotech.com/monoclonal/cd19-recombinant-antibody-clone-027-immunohistochemistry-elisa/259532>