

## Rabbit anti-Human CD19 Polyclonal Antibody | anti-CD19 antibody

CD19 Antibody (C-term)

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA284080</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

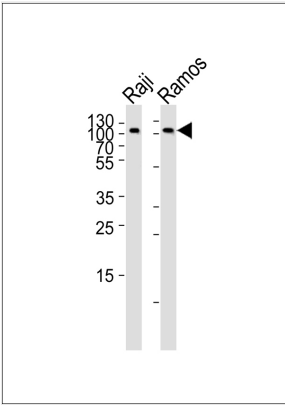
### PRODUCT SYNONYMS

CD19; Polyclonal Antibody; CD19 Antibody (C-term); B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; anti-CD19 antibody

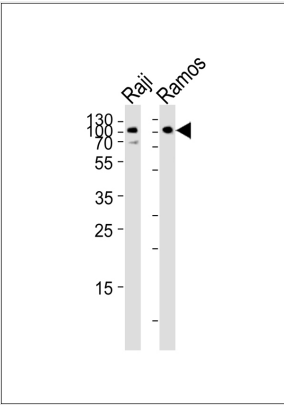
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human                                                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This CD19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 393-421 amino acids from the C-terminal region of human CD19.         |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                  | Vial Concentration: 0.45 (varies by lot)                                                                                                                                     |
| Sequence Positions                             | 393-421                                                                                                                                                                      |
| Sequence Length                                | 557                                                                                                                                                                          |
| Applicable Applications for anti-CD19 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Crown Antibody                                 | Yes                                                                                                                                                                          |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
Western blot analysis of lysates from Raji, Ramos cell line (from left to right), using CD19 Antibody (C-term). AAA284080 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



**WB (Western Blot)**  
Western blot analysis of lysates from Raji, Ramos cell line (from left to right), using CD19 Antibody (C-term). AAA284080 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD19 antibody | Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. CD19 is a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. |
| Product Categories/Family for anti-CD19 antibody   | Crown Antibodies; Cancer; Immunology; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                     |
| References                                         | Deaglio,S., Blood 109 (12), 5390-5398 (2007) Bradbury,L.E., J. Immunol. 149 (9), 2841-2850 (1992) Kozmik,Z., Mol. Cell. Biol. 12 (6), 2662-2672 (1992)                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 296010921                              |
| NCBI GeneID                      | 930                                    |
| NCBI Accession #                 | NP_001171569.1; NP_001761.3            |
| NCBI GenBank Nucleotide #        | NM_001178098.1                         |
| UniProt Accession #              | P15391; Q96S68; Q9BRD6; A0N0P9; F5H635 |
| Molecular Weight                 | 61128                                  |
| NCBI Official Full Name          | B-lymphocyte antigen CD19 isoform 1    |
| NCBI Official Synonym Full Names | CD19 molecule                          |
| NCBI Official Symbol             | CD19                                   |
| NCBI Official Synonym Symbols    | B4; CVID3                              |
| NCBI Protein Information         | B-lymphocyte antigen CD19              |
| UniProt Protein Name             | B-lymphocyte antigen CD19              |
| UniProt Gene Name                | CD19                                   |
| UniProt Entry Name               | CD19_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://www.aaabiotech.com/polyclonal/cd19-antibody-western-blot-elisa/284080>