

Product datasheet for **AP22796PU-N**

CD19 (393-421) Rabbit Polyclonal Antibody

Product data:

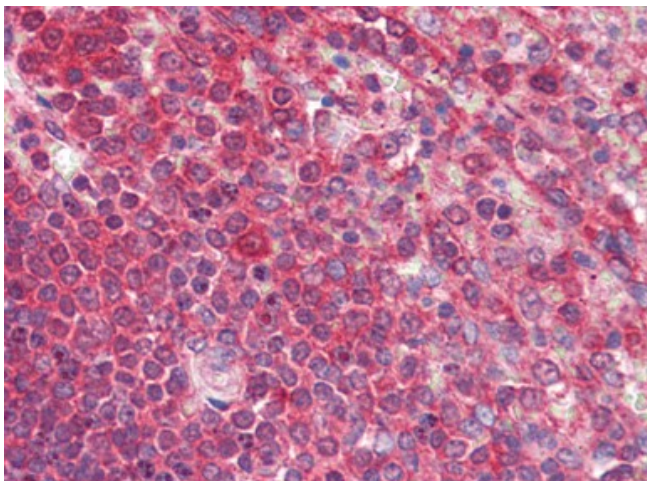
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/1000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	CD19 antibody was raised against KLH-conjugated synthetic peptide between amino acids 393-421 from C-terminal region of human CD19.
Specificity:	This antibody reacts to CD19 Antigen (CD19) at aa 393-421.
Formulation:	PBS containing 0.09% sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Purification:	Immunoaffinity purified
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD19 molecule
Database Link:	Entrez Gene 930 Human P15391
Background:	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. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
Synonyms:	Leu-12, B-cell marker
Protein Families:	Druggable Genome, Transmembrane



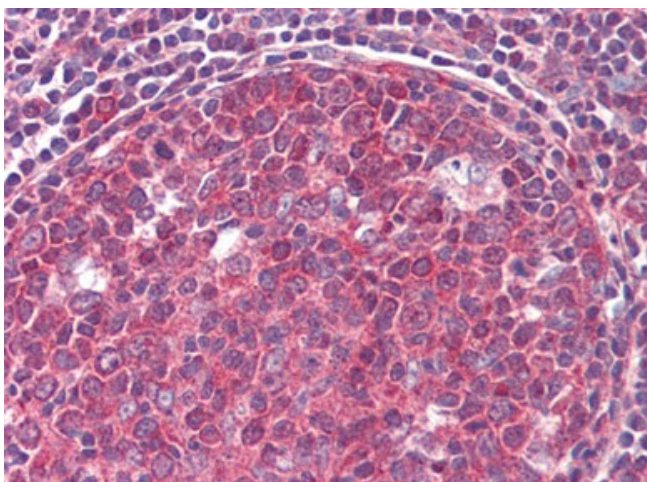
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Protein Pathways: B cell receptor signaling pathway, Hematopoietic cell lineage, Primary immunodeficiency

Product images:



Human Spleen (formalin-fixed, paraffin-embedded) stained with CD19 antibody followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Tonsil (formalin-fixed, paraffin-embedded) stained with CD19 antibody followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.