

产品名称: CD19 (phospho Tyr531) Rabbit Polyclonal Antibody
产品货号: APRab04395



产品概述 (Summary)

产品名称 (Production Name)	CD19 (phospho Tyr531) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD19
别名 (Alternative Names)	CD19; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; CD antigen CD19
基因 ID (Gene ID)	930.0
蛋白 ID (SwissProt ID)	P15391.The antiserum was produced against synthesized peptide derived from human CD19 around the phosphorylation site of Tyr531. AA range:501-550

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
----------------------	--------------------------------------

产品名称: CD19 (phospho Tyr531) Rabbit Polyclonal Antibody
产品货号: APRab04395



蛋白分子量 (Molecular Weight) 61kDa

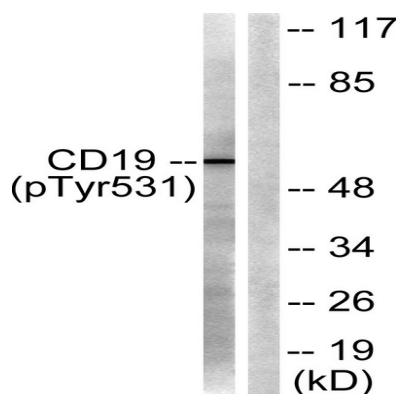
研究背景 (Background)

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. [provided by RefSeq, Jul 2008],disease:Defects in CD19 are a cause of hypogammaglobulinemia [MIM:107265],function:Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.,online information:CD19 mutation db,PTM:Phosphorylated on serine and threonine upon DNA damage, probably by ATM or ATR. Phosphorylated on tyrosine following B-cell activation.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Forms a complex with CD21, CD81 and CD225 in the membrane of mature B cells. Interacts with VAV. Interacts with GRB2 and SOS when phosphorylated on Tyr-348 and/or Tyr-378. Interacts with PLCG2 when phosphorylated on Tyr-409.,

研究领域 (Research Area)

Hematopoietic cell lineage;B_Cell_Antigen;Primary immunodeficiency;

图片 (Image Data)



Western blot analysis of lysates from COS7 cells treated with Serum 10% 30', using CD19 (Phospho-Tyr531) Antibody.
The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .