



# CD19 rabbit pAb

Cat No.:ES4310

For research use only

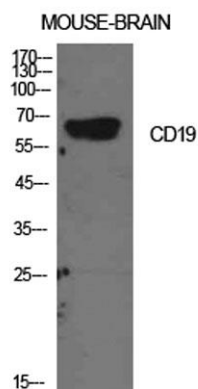
## Overview

<b>Product Name</b>	CD19 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;Flow Cyt;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;Flow Cyt 1:50-200;IHC-p 1:100-500;IF(paraffin section);ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from B-lymphocyte antigen CD19 at AA range: 191-240
<b>Specificity</b>	CD19 Polyclonal Antibody detects endogenous levels of CD19 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	B-lymphocyte antigen CD19
<b>Gene Name</b>	CD19
<b>Cellular localization</b>	Cell membrane ; Single-pass type I membrane protein . Membrane raft ; Single-pass type I membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	61kD
<b>Human Gene ID</b>	930
<b>Human Swiss-Prot Number</b>	P15391
<b>Alternative Names</b>	CD19; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; CD19
<b>Background</b>	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

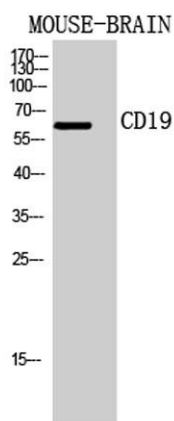




antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq, Jul 2008],

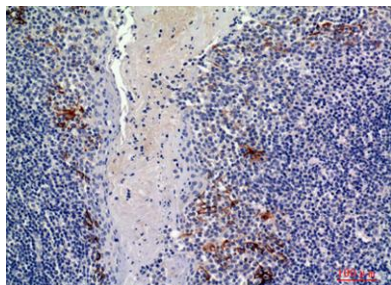


Western Blot analysis of mouse brain cells using CD19 Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of MOUSE-BRAIN cells using CD19 Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

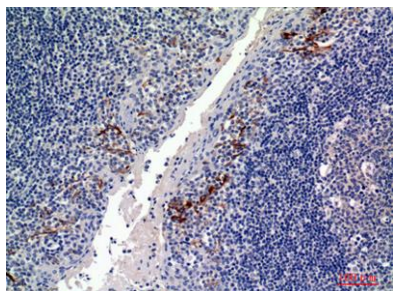
Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100





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Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100



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