

## CD19 Antibody

Catalog No: #32727

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## Description

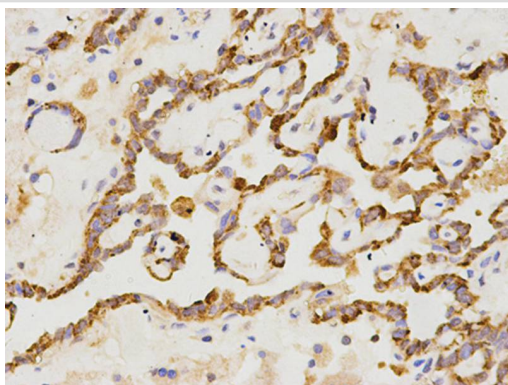
Product Name	CD19 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total CD19 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CD19.
Target Name	CD19
Other Names	B4; CVID3;
Accession No.	Swiss-Prot:P15391NCBI Gene ID:930
SDS-PAGE MW	61KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

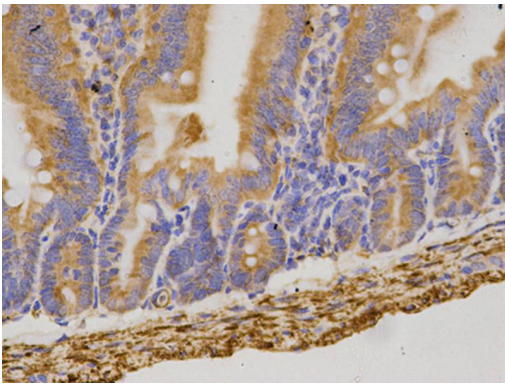
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:200

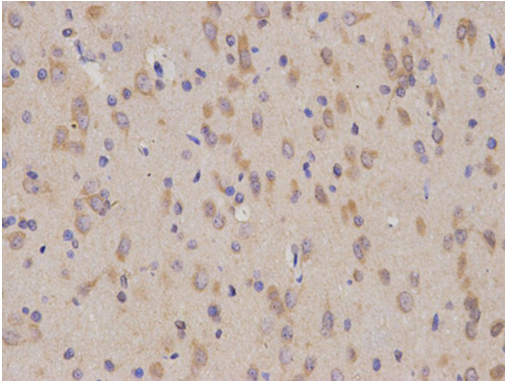
## Images



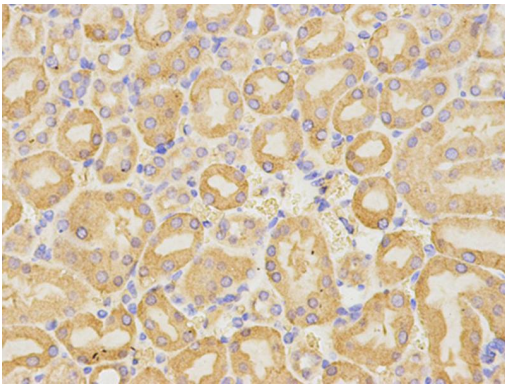
Western blot analysis of extracts of various cell lines, using CD19 antibody.



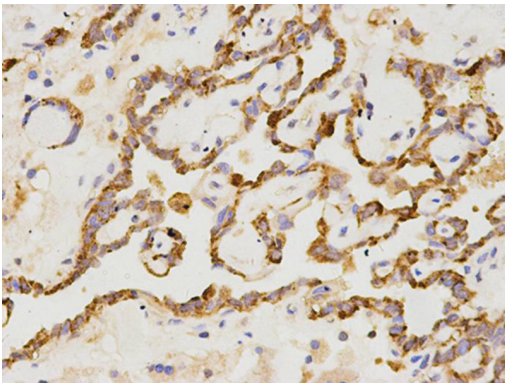
Immunohistochemical analysis of paraffin-embedded human smooth muscle cancer using CD19 antibody at dilution of 1:200 (400x lens).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer using CD19 antibody at dilution of 1:200 (400x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using CD19 antibody at dilution of 1:200 (400x lens).



Immunohistochemical analysis of paraffin-embedded rat kidney using CD19 antibody at dilution of 1:200 (400x lens).

## 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.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.