# CD19 Rabbit mAb

Catalog No: #49407

Package Size: #49407-1 50ul #49407-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

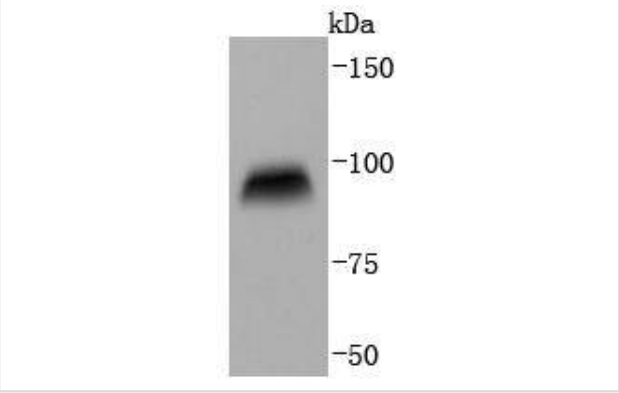
## Description

| | |
|---|---|
| Product Name | CD19 Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal |
| Clone No. | JF100-06 |
| Purification | ProA affinity purified |
| Applications | WB, ICC/IF, IHC |
| Species Reactivity | Hu |
| Immunogen Description | recombinant protein |
| Conjugates | Unconjugated |
| Other Names | antibody deficiency due to defect in CD19, included antibody AW495831 antibody B lymphocyte antigen CD19 antibody B lymphocyte surface antigen B4 antibody B-lymphocyte antigen CD19 antibody B-lymphocyte surface antigen B4 antibody B4 antibody CD19 antibody CD19 antigen antibody CD19 molecule antibody Cd19 protein antibody CD19_HUMAN antibody CVID3 antibody Differentiation antigen CD19 antibody Leu 12 antibody Leu-12 antibody Leu12 antibody MGC109570 antibody MGC12802 antibody T-cell surface antigen Leu-12 antibody |
| Accession No. | Swiss-Prot#:P15391 |
| Calculated MW | 95 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

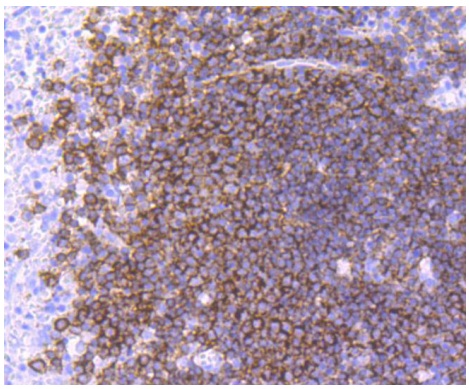
## Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200ICC: 1:50-1:200

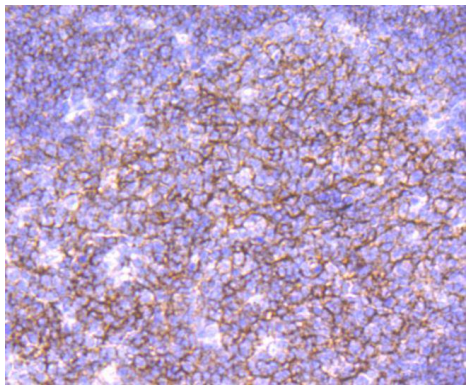
## Images



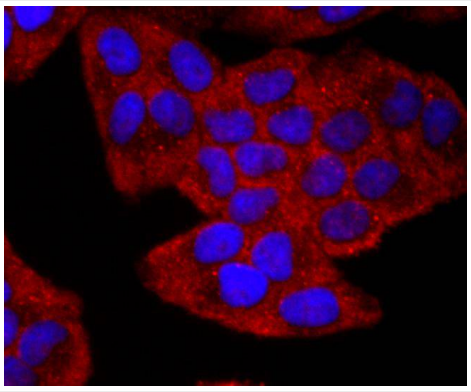

Western blot analysis of CD19 on Raji cells lysates using anti-CD19 antibody at 1/1,000 dilution.



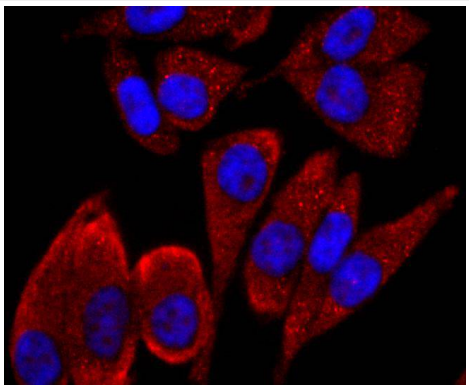
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD19 antibody. Counter stained with hematoxylin.



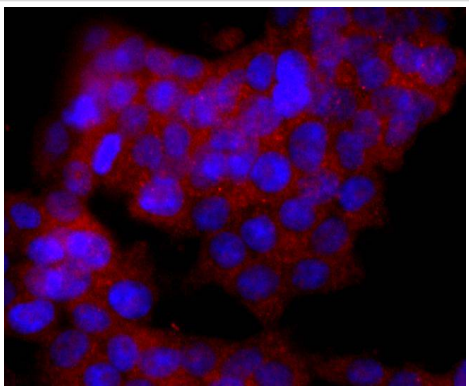
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD19 antibody. Counter stained with hematoxylin.



ICC staining CD19 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CD19 in PC-3M cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CD19 in 293T cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is selectively expressed on the cell surface of B-lymphocytes, where it activates intracellular signaling cascades involving both Ras and phosphatidylinositol 3-kinase pathways. Activation of CD19 results in cross-linking of the membrane protein immunoglobulin chains and the subsequent association with Src family protein tyrosine kinases (PTK). Expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. CD19 forms functional complexes with B-lymphocyte surface proteins, including integrin b1, CD21 and CD81, which are involved in regulating B-cell development.

## References

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