

Product Name: CD19 Mouse Monoclonal Antibody**Catalog #:** AMM80517

For research use only.

Summary

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|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | IHC,ELISA |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG2b |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | PBS containing 0.03% sodium azide. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|---------------------------------------|
| Dilution Ratio | IHC 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight | / |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | CD19 |
| Alternative Names | B4; MGC12802 |
| Gene ID | 930.0 |
| SwissProt ID | P15391 |
| Immunogen | Purified recombinant fragment of human CD19 expressed in E. Coli. |

Background

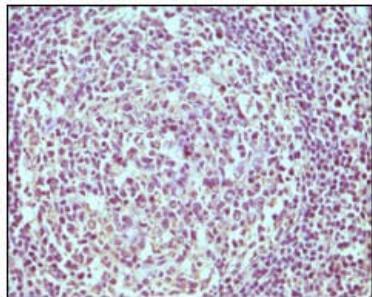
The CD19 antigen (95kDa) is expressed from the earliest stage of B progenitor development, on all peripheral B cells including germinal centre B cells, and all B cell lines and B cell leukaemia tested. T cell and monocytic cell lines are negative and the antigen is lost on B cell maturation to plasma cells. The antigen is a type I integral membrane glycoprotein whose in vitro

inhibition will influence B cell activation and proliferation.

Research Area

PI3K-Akt signaling pathway

Image Data



Immunohistochemical analysis of paraffin-embedded human normal lymph node, showing cytoplasmic localization using CD19 mouse mAb with DAB staining.