



## CD19 Mouse Monoclonal Antibody

E10-20028

- 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.
- Catalog Number:** E10-20028
- Amount:** 100µg/100µl
- Clone Number:** 2E2B6B10
- Species:** Mouse IgG2a
- Aliases:** B4; MGC12802
- Entrez Gene:** 930
- Immunogen:** Purified recombinant fragment of human CD19 expressed in E. Coli
- Storage:** Store at 4°C, for long term storage, store at -20°C
- Formulation:** Purified antibody in PBS containing 0.03% sodium azide
- Species Reactivities:** Human
- Tested Applications:** WB, IHC, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.
- Application notes:** WB.1/500 - 1/2000, IHC.1/200 - 1/1000, ELISA. Propose dilution 1/10000.

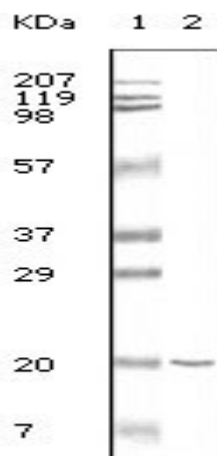


Figure 1. Western blot analysis using CD19 mouse mAb against CD19 recombinant protein.

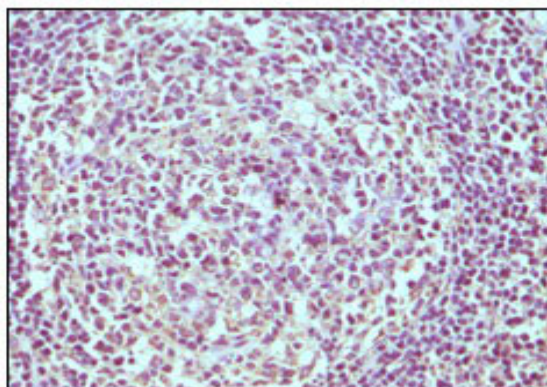


Figure 2. Immunohistochemical analysis of paraffin-embedded human normal lymph node, showing cytoplasmic localization using CD19 mouse mAb with DAB staining.