

## CD19 clone MX016

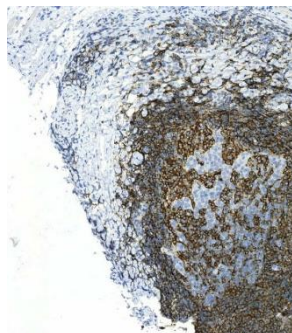
### Instructions for Use

#### Specification:

CD 19 is expressed only on B-cells and follicular dendritic cells. It is a specific and sensitive marker of B-cells widely expressed from early pre-B stages, normal B-cells and normal plasma cells (staining is weaker than normal B-cells and a subpopulation may lack expression). It is considered a positive regulator of both intrinsic and stimulus-dependent pathways in B-lymphocytes. CD19 is useful in identification of B-cell lineage of majority of B-cell neoplasms but appears to be less useful in subclassifying of B-cell neoplasms in histological material. It appears to be potentially useful additional marker of follicular dendritic cell tumours.

#### Availability:

Catalog No.	Contents	Volume
ILM0705-C01	CD19	0,1 ml concentrate
ILM0705-C05	CD19	0,5 ml concentrate
ILM0705-C1	CD19	1,0 ml concentrate



**Intended use:** For Research Use only

**Reactivity:** Human, others not known

**Clone:** MX016

**Species of origin:** Mouse

**Isotype:** IgG

**Control Tissue:** Tonsil or lymph node

**Staining:** Membranous

**Presentation:** Liquid tissue culture supernatant containing 15mM sodium azide

#### Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:200 - 1:400)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

#### Reference:

- 1) Kochenderfer J N, Dudley M E, Feldman S A, et al, Blood, 2012, 119(12): 2709-2720.
- 2) Masir N, Marafioti T, Jones M, et al, Histopathology, 2006, 48(3): 239-246.