

**Mouse Anti-IgG [B33/20]: MC0812, MC0812RTU7**

**Intended Use:** For Research Use Only

**Description:** Anti-IgG antibody reacts with surface immunoglobulin IgG gamma chains. This antibody is useful when identifying leukemias, plasmacytomas, and B-cell lineage derived Hodgkin's lymphomas. Due to the restricted expression of heavy and light chains in these diseases, demonstration of B-cell lymphomas is possible with clonal gene rearrangement studies.

**Specifications:**

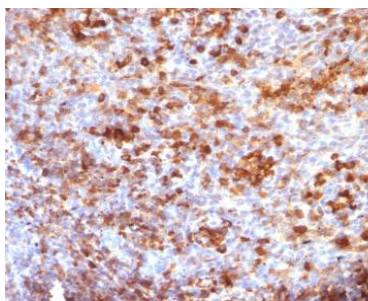
Clone: B33/20  
 Source: Mouse  
 Isotype: IgG1k  
 Reactivity: Human  
 Localization: Cytoplasm, membrane  
 Formulation: Antibody in PBS pH7.4, containing BSA and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>)  
 Storage: Store at 2°- 8°C  
 Applications: IHC, Flow Cyt., IF  
 Package:

| Description      | Catalog No. | Size |
|------------------|-------------|------|
| IgG Concentrated | MC0812      | 1 ml |
| IgG Prediluted   | MC0812RTU7  | 7 ml |

**IHC Procedure\*:**

Positive Control Tissue: Lymph node  
 Concentrated Dilution: 50-200  
 Pretreatment: Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
 Incubation Time and Temp: 30-60 min @ RT  
 Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.



FFPE human lymph node stained with anti-IgG using DAB

**References:**

1. HIV HCMV and mycobacterial antibody levels: a cross-sectional study in a rural Ugandan cohort. Stockdale L, et al. Trop Med Int Health 24:247-257, 2019.
2. Pro-Angiogenic Role of LncRNA HULC in Microvascular Endothelial Cells via Sequestering miR-124. Yin D, et al. Cell Physiol Biochem 50:2188-2202, 2018.
3. Protection of Mcc950 against high-glucose-induced human retinal endothelial cell dysfunction. Zhang Y, et al. Cell Death Dis 8:e2941, 2017.

Doc. 100-MC0812  
Rev. A

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