

**Mouse Anti-IgM [DA4-4]: MC0815**

**Intended Use:** For Research Use Only

**Description:** Anti-IgM antibody reacts with surface immunoglobulin IgM mu chains. IgM is one of the predominant surface immunoglobulins on B-lymphocytes. This antibody is useful when identifying lymphomas, 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: DA4-4  
Source: Mouse  
Isotype: IgG  
Reactivity: Human  
Localization: Cytoplasm  
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>).  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC  
Package:

Description	Catalog No.	Size
IgM Concentrated	MC0815	1 ml

**IHC Procedure\*:**

Positive Control Tissue: Lymph node  
Concentrated Dilution: 50-200  
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 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.