

## Mouse Anti-Human IgA (Clone MH14/1) mAb

**Catalog No.** MON5007 **Quantity:** 1 mL

**Description:** Class specific anti-immunoglobulin antibodies are useful for the characterization of malignant B-cell proliferations. All but acute lymphocytic leukemias share either surface or intra-cytoplasmic Ig with an isotypic restriction, which suggest the monoclonal nature of the cell population. Most of the chronic lymphocytic leukemias, non Hodgkin lymphomas and Burkitt's lymphoma bear surface IgM, whereas plasmocytes from Waldenström's disease bear intracytoplasmic IgM. The other isotypes are less frequently found. On the other hand multiple myelomas are usually of the IgG or IgA type. Also useful for characterization of plasma cells in inflammatory conditions. Plasma cell typing can be of use for the classification of intestinal inflammatory conditions such as inflammatory bowel disease and allergic conditions. In the latter a specific increase in the number of IgE plasma cells can be demonstrated.

**Specificity:** Human Immunoglobulin IgA

**Host:** Mouse

**Immunogen:** Human IgA

**Isotype:** Murine IgG1

**Clone:** MH14/1

**Formulation:** Sterile-filtered PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.  
**Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Applications:** IHC

**Storage & Stability:** Store at 2-8°C for 1 month or in undiluted aliquots at -20°C to -80°C up to 1 year. **Avoid repeated freeze/thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**