

## Human Immunoglobulin IgA, clone MH14/1, Monoclonal Antibody

**Catalog No.:** MON5007

**Quantity:** 1 ml

### **Specificity**

The monoclonals are highly specific for the individual Ig isotypes.

### **Immunoglobulin type**

Anti IgA, MON 5007: Murine IgG<sub>1</sub>

### **Use**

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.
- 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.

### **Instructions for use**

The antibodies are useful for immunofluorescence on cell suspensions and immuno-histochemistry on tissue sections. Anti IgA, MON 5007 F + P(t) + S

P = applicable on paraffin sections, with proteolytic treatment

F = applicable on frozen sections

S = applicable on cell suspensions

(t) = Trypsin pretreatment

Product can be used diluted 1:5-1:10. Optimal dilution should be tested by serial dilution.

### **Positive control**

Polypus nose

### **Presentation**

Anti IgA, MON 5007, 1 ml purified IgG (50-100 tests)

**FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.**



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