

## Goat Anti-Human Immunoglobulin M FITC pAb

**Catalog No.** PS101F **Quantity:** 1.2 mg

**Description:** Antibodies were raised in goat to human IgM. From the crude polyclonal the cross reactive antibodies were extracted by incubation with Sepharose-bound human IgA and IgG. Specific antibodies were absorbed by incubation with Sepharose-bound human IgM. Specific antibodies were eluted by acidic buffer at pH 2.5 followed by neutralization and dialysis. After repeated binding with immobilized human IgM a minimum of 65% protein bound. The purified polyclonal was conjugated to fluorescein isothiocyanate isomer I followed by gel-filtration and ion-exchange chromatography to clear unbound conjugate. F/P ratio: 4-6 mol Fluorescein per 1 mol of goat IgG. Low background fluorescence of normal tissue in contrast to cases of autoimmune disease, deposited immunoglobulin IgM.

**Specificity:** No cross reactivity with albumin fractions of human serum.  
No cross reactivity with albumin fractions of animal species.

**Formulation:** 1 ml purified goat antiserum at 1.2 mg/ml protein in 50% glycerol with 0.1 M NaCl + 0.01M sodium phosphate at pH 7.5. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Applications:** For immunohistochemical staining of human tissue sections a 1:40 dilution is recommended.

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