

Goat Anti-Human Immunoglobulin G FITC pAb

Catalog No. PS100F **Quantity:** 1.2 mg

Description: Antibodies were raised in goat to human IgG. From the crude polyclonal the crossreactive antibodies were extracted by incubation with Sepharose-bound human IgA and IgM. Specific antibodies were absorbed by incubation with Sepharose-bound human IgG. Specific antibodies were eluted by acidic buffer at pH 2.5 followed by neutralisation and dialysis. After repeated binding with immobilized human IgG 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.

Specificity: Low background fluorescence of normal tissue in contrast to cases of autoimmune disease, deposited immunoglobulin IgG. No cross reactivity with albumine fractions of human serum. No cross reactivity with albumine 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

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.