

Volume: 0.5 ml

Lot # : F364A

BioScout FITC-Sheep Anti-Extracellular Matrix (ECM)

Fluorescence Reference of ECM in Multi-Label Microscopy

Catalog number: (BS-002ECM)

Concentration: 2.5 mg/ml

Host: Sheep

Description of Product:

FITC-Sheep IgG fraction targeted to mouse basement membrane. F/P ratio: 4-6.

Works with mouse, rat, rabbit, bovine, and human tissues.

Diluent: 0.02 M phosphate buffered saline (PBS), pH 7.3. Contains 1mg/ml bovine serum albumin and 2 mM sodium azide as preservatives. Non-hazardous. No MSDS required.

Storage: Short term: up to 1 month: 4 °C; long term: up to 1 year: -20 °C or below. Avoid repeated freeze-thaw.

Dilutions: 1:30 to 1:50 for routine epi-fluorescence microscopy. 1:100 for confocal microscopy.

Recommended Directions for Multi-Label Staining:

Slight precipitate may form when thawed, microfuge at 10,000-15,000 RPM for 5 minutes immediately prior to use.

To detect antigen of interest relative to the ECM, perform a standard indirect immunohistochemical method utilizing mouse, rabbit or goat antibody as primary. After several washes with PBS, incubate with a red chromagen (Cy3, TRITC, or Texas Red)-labeled second antibody. Wash several times then incubate with sheep serum (1:50) or sheep IgG (0.5 mg/ml) for 15 minutes. Incubate with diluted Probetex BioScout™ FITC-Sheep anti-mouse ECM antibody for 30-45 minutes. Wash and coverslip using fluorescence compatible mounting media with or without DAPI for nuclear staining. *Optimal working dilutions and procedures must be determined by end-user.*

Other Relevant Probetex Products:

PTX-000S: Pre-immune sheep serum

PTX-000IgG: Pre-immune sheep IgG (immunoglobulin fraction).

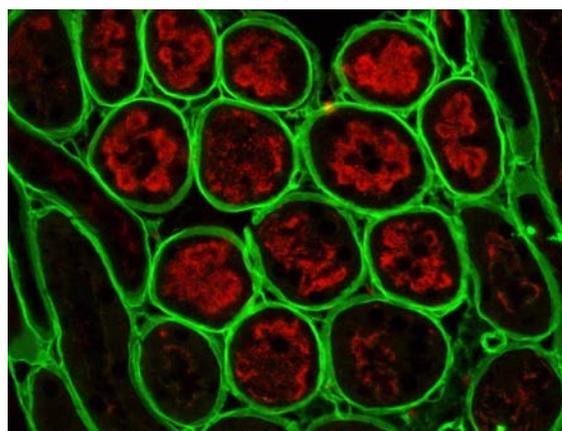
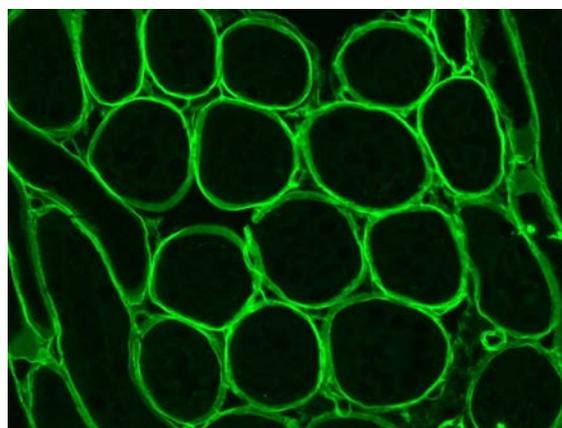


Figure 1. A. Linear immunofluorescence localization tubular basement membrane and surrounding tubular basement in rat kidney stained with BioScout™ FITC-Sheep anti ECM. **B.** Dual localization of proximal tubules (aminopeptidase) staining, red) in the same section.

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