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FITC Mouse Anti-Cytokeratin 18 Monoclonal Antibody

CLX113F

Size: 0.1 mg

Clone: C-04

Isotype: Mouse IgG1

Specificity: The antibody C-04 reacts with Cytokeratin 18 (45 kDa), a member of intermediate filaments subfamily represented in epithelial tissues

Immunogen: Cytoskeleton preparation of epidermal carcinoma cell line A431.

Species Reactivity: Mammalian

Preparation: The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.

Concentration: 0.1 mg/ml

Application: The reagent is intended for Flow Cytometry analysis.

Storage Buffer: The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.

Storage / Stability: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Background: Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families. Cytokeratins 18 belongs to type I family (acidic cytokeratins).

Continued Overleaf.....

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Laboratory Reagent For Research Use Only