Monoclonal Antibody to Cytokeratin (Pan-reactive)
Purified Antibody (0.1 mg)

Clone: C-11
Isotype: Mouse IgG1
Specificity: The antibody C-11 reacts with Cytokeratin peptides 4, 5, 6, 8, 10, 13, 18. Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
Regulatory Status: RUO
Immunogen: Keratin-enriched preparation from human epidermoid carcinoma cell line A431.
Species Reactivity: Mammalian
Application: Western Blotting
Flow Cytometry
Immunoprecipitation
Immunohistochemistry (paraffin sections)
Immunocytochemistry
Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See 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.
References:


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