anti-Human Cytokeratin 7 Antibody

Product Data Sheet

Clone RCK105 Monoclonal Antibody to Human Cytokeratin 7

BACKGROUND
Cytokeratins are a subfamily of intermediate filament proteins and are characterized by a remarkable biochemical diversity, represented in human epithelial tissues by at least 20 different polypeptides. They range in molecular weight between 40 kDa and 68 kDa and isoelectric pH between 4.9 – 7.8. The individual human cytokeratins are numbered 1 to 20. The various epithelia in the human body usually express cytokeratins which are not only characteristic of the type of epithelium, but also related to the degree of maturation or differentiation within an epithelium. Cytokeratin subtype expression patterns are used to an increasing extent in the distinction of different types of epithelial malignancies. The cytokeratin antibodies are not only of assistance in the differential diagnosis of tumors using immunohistochemistry on tissue sections, but are also a useful tool in cytopathology and flow cytometric assays.

IMMUNOGEN
Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with cytokeratins from the human bladder carcinoma cell line T24 and SP2/0.Ag14 mouse myeloma cells.

SHIP CONDITIONS
Ship at ambient temperature, freeze upon arrival.

STORAGE
Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

STABILITY
Products are stable for one (1) year from purchase when stored properly.

References:


For research use only