

Datasheet

Rat Tumors, epithelial origin monoclonal antibody, clone CC52

Catalog Number: MAB5199

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against Rat Tumors, epithelial origin.

Clone Name: CC52

Immunogen: Native purified from rat colon adenocarcinoma cells (CC531).

Host: Mouse

Reactivity: Rat

Applications: WB

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: CC52 is a rat strain-independent marker for tumor cells of epithelial origin, such as colon, breast, or lung cancer, etc. When injected in colon tumor-bearing rats, CC52 localized to tumor cells (Hagenaars et al., 2001). CC52 can be used for immunohistochemical staining of tumor cells in frozen tissue sections as well as formalin-fixed/paraffin-embedded tissue. CC52 is also suitable for flow cytometry, Western blotting, immunoprecipitation, and ELISA. Hybridomas were selected for producing antibodies reacting with the CC531 cell line and with minimal cross reactivity to normal tissues (Hagenaars et al., 2001). CC52 belongs to a first generation of such antibodies and is suitable to detect tumor cells by immunohistochemistry. The monoclonal antibody binds to a dimer of two proteins, 120 kD, 130 kD, expressed by rat tumor cells of epithelial origin. CC52 has been used in many studies in a rat model of colorectal cancer (Hagenaars et al., 2000). In immunohistochemical stainings, there is

Form: Liquid

Isotype: IgG1

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In buffer containing 0.05% sodium azide

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.