



CK19 Mouse Monoclonal Antibody

E12-074

Catalog Number: E12-074

Amount: 100µg/100µl

Clone Number: 11F5

Background: Ck19 protein is a member of the keratin family. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. Keratin 19 is not expressed in hepatocytes, therefore, antibody to keratin 19 is useful in the identification of liver metastasis. The degree of keratin 19 positivity in breast cancer distinguishes malignant from benign tumours. Keratin 19 is often co-expressed with keratin 7.

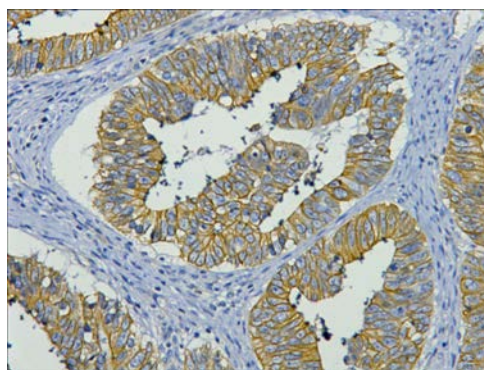
Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Specificity/Sensitivity: The CK19 Mouse Monoclonal antibody detects endogenous CK19 proteins (~44KD).

Reactivity: Human, Mouse, Rat

Applications: IHC: 1:200



IHC staining of human colon cancer tissue with CK19 mouse mAb(11F5) diluted at 1:200.

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