

CK19 Mouse Monoclonal Antibody

Catalog No: #38006

Package Size: #38006 100ul

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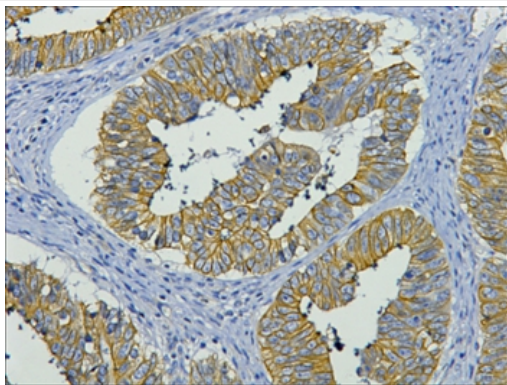
Description

Product Name	CK19 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	11F5
Purification	Affinity purification using immunogen.
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The CK19 Mouse Monoclonal antibody detects endogenous CK19 proteins.
Conjugates	Unconjugated
Target Name	CK19
Other Names	40-kDa keratin intermediate filament; CK-19; CK19; cytokeratin 19; Cytokeratin-19; K19
Accession No.	Swiss-Prot#:P08727
SDS-PAGE MW	44kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:200

Images



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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.