

CK19 Mouse Monoclonal Antibody (11F5)

Catalog No: RA10244

Basic Information

Host species	Mouse
Applications	IHC
Species Cross-Reactivity	H,M,R
Specificity	The CK19 Mouse Monoclonal antibody detects endogenous CK19 proteins.
Recommended dilutions	IHC: 1:200 Optimal dilutions should be determined by the end user.

Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

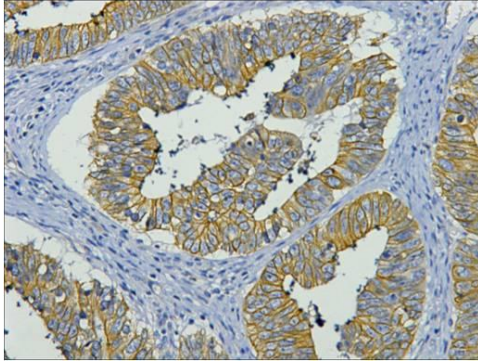
Background

Alternative Names	
Observed band	44
Human Gene ID	3880
Human Swiss-Prot Number	P08727

Background

This 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.

Selected Validation Data



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