



# ELK Biotechnology

CK19 Mouse mAb

Catalog NO.: EM1051

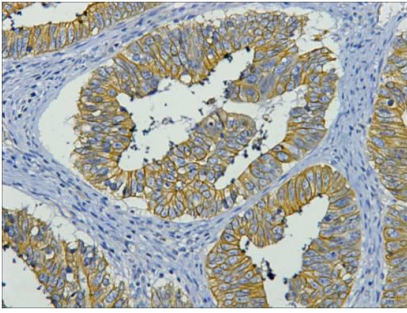
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## Overview

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Product name	CK19 Mouse Monoclonal antibody
Source	Mouse
Applications	IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	Immunohistochemistry:1/200 <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	44kDa
GeneID (Human)	3880
Human Swiss-Prot No.	P08727
Cellular localization	CytoskeletonCytosol
Alternative Names	Cytokeratin9 K19 K1CS keratin9 KRT19
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. Keratin9 is not expressed in hepatocytes therefore antibody to keratin9 is useful in the identification of liver metastasis. The degree of keratin9 positivity in breast cancer

distinguishes malignant from benign tumours. Keratin9 is often co-expressed with keratin 7.



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