Product datasheet

anti-Keratin K18 Multiepitope Cocktail mouse monoclonal, Ks18.04 + 18.27 + 18.5 + 9B1 + 18.174, supernatant

Short overview

Cat. No.	651134
Quantity	5 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	Ks18.04 + 18.27 + 18.5 + 9B1 + 18.174
Immunogen	Keratin K18 of human and bovine origin
Formulation	Contains 0.09% sodium azide
UniprotID	P05783 (Human)
Synomym	Keratin, type I cytoskeletal 18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, CK-18, Keratin-18, K18, KRT18, CYK18, PIG46
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC, WB
Reactivity	Human, Mammals

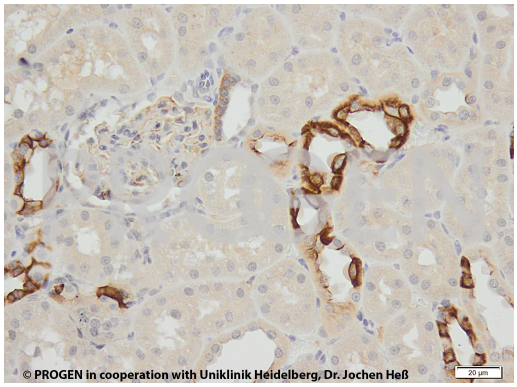
Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:1-1:10
Immunohistochemistry (IHC) - paraffin	1:1-1:10 (microwave treatment recommended)
Western Blot (WB)	Assay dependent

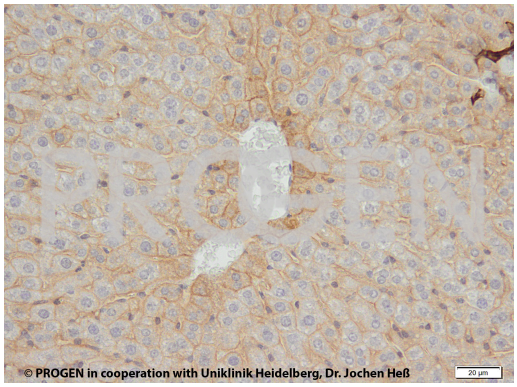
Background

The antibody cocktail is excellent for discrimination of simple epithelia from those of different origin. Tumors specifically detected: all adenocarcinoma; mammary carcinoma, urinary bladder carcinoma, undifferentiated carcinoma, cervix carcinoma, hepatocellular carcinoma. Polypeptide reacting: Mr 45 kD (keratin K18) of all simple type epithelia and basal cells of many squamous, nonepidermal epithelia.Reactivity on cultured cell lines: HeLa and MCF-7

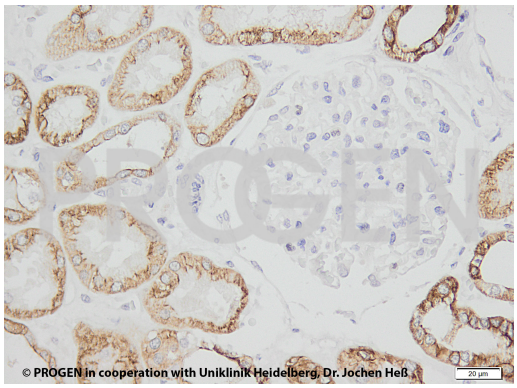
Product images



Rat kidney (courtesy of J.Heß, University Hospital Heidelberg)



Mouse liver (courtesy of J.Heß, University Hospital Heidelberg)



Human kidney (courtesy of J.Heß, University Hospital Heidelberg)