Product datasheet

anti-Keratin K5/K8 (Pan Epithelial) mouse monoclonal, RCK102, supernatant

Short overview

Cat. No.	10521
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	RCK102
Immunogen	Lung cancer cell preparation
Formulation	Contains 0.09% sodium azide
UniprotID	Q7RTS7 (Human),Q922U2 (Mouse),A0A287BA49 (Pig),A0A286X8W5 (Guinea pig),A0A5F9C3E1 (Rabbit),Q6P6Q2 (Rat),Q6P6Q2 (Rat),P05787 (Human),P11679 (Mouse)
Synomym	Keratin, type II cytoskeletal 74, Cytokeratin-74, CK-74, Keratin-5c, K5C, Keratin-74, K74, Type II inner root sheath-specific keratin-K6irs4, Type-II keratin Kb37, KRT74, K6IRS4, KB37, KRT5C, KRT6IRS4, Keratin, type II cytoskeletal 8, Cytokeratin-8, CK-8, Keratin-8, K8, Type-II keratin Kb8, KRT8, CYK8
Note	Centrifuge prior to opening
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	Dog, Hamster, Human, Mouse, Pig, Rabbit, Rat

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:5-1:10
Immunohistochemistry (IHC) - paraffin	1:5-1:10 (microwave treatment recommended)
Western Blot (WB)	Assay dependent

Background

Mab RCK 102, directed against the 58 kD and 52.2 kD keratin proteins (keratins K5 and K8; formerly also designated cytokeratins 5 and 8 in the Moll catalogue of keratins), reacts with all epithelial cell types. No reaction is observed in non-epithelial tissues. The antibody can be used for the discrimination of carcinomas from non-epithelial tumors such as lymphomas, sarcomas and neural tumors. RCK 102 is applicable on frozen and paraffin-embedded tissue. Formalin fixation may cause antigen denaturation or masking. Therefore, protease digestion is necessary prior to

antibody application.

Positive control: Skin, cervix.

Product images



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