

Product datasheet

anti-Keratin K19 guinea pig polyclonal, serum

Short overview

Cat. No.	GP-CK19
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Human keratin K19, purified from MCF-7 cells
Formulation	Contains 0.09% sodium azide and 0.5% BSA
Stability	Guinea pig (GP68)
UniprotID	P08728 (Bovine), P08727 (Human)
Synonym	Keratin, type I cytoskeletal 19, Cytokeratin-19, CK-19, Keratin-19, K19, KRT19
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Stabilized antiserum
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
No reactivity	Mouse, Rat

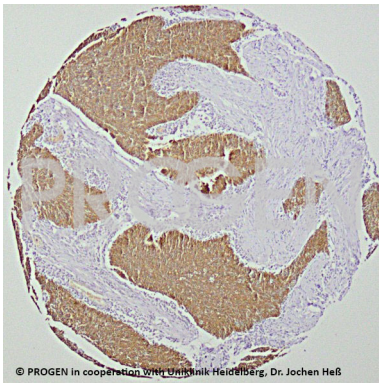
Applications

Immunocytochemistry (ICC)	1:100
Immunohistochemistry (IHC) - frozen	1:100
Immunohistochemistry (IHC) - paraffin	1:100 (microwave treatment recommended)
Western Blot (WB)	1:3,000

Background

The antiserum represents an excellent marker for all glandular type epithelia, useful for discrimination of glandular epithelial carcinoma from those of different origin. No reaction with hepa-tocellular ca.! Polypeptide Reacting: Mr 40,000 polypeptide (keratin K19) of human glandular epithelia. Reactive polypeptide: acidic human keratin K19 (Mr 40,000; formerly also designated cytokeratin 19) Tumors detected: all adeno-carcinoma tested.

Product images



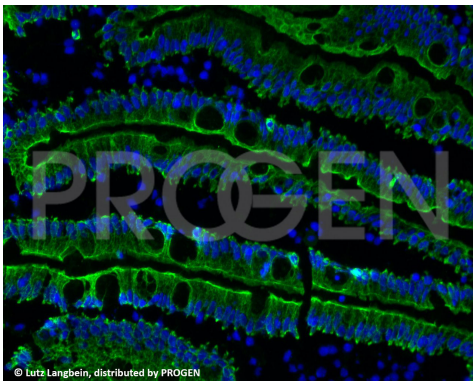
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Human head and neck squamous-cell carcinoma (HNSCC) (courtesy of J. Hess, University Hospital Heidelberg)



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Human duodenum (courtesy of L. Langbein)

References

Publication	Species	Application
Larribere, L. et al. An RNAi Screen Reveals an Essential Role for HIPK4 in Human Skin Epithelial Differentiation from iPSCs. Stem.Cell.Reports. 9, 1234-1245 (2017).	human	IHC-IF (paraffin)
Campard, D., Lysy, P. A., Najimi, M. & Sokal, E. M. Native Umbilical Cord Matrix Stem Cells Express Hepatic Markers and Differentiate Into Hepatocyte-like Cells. Gastroenterology 134, (2008).	human	ICC-IF
Langbein, L. et al. Characterization of a Novel Human Type II Epithelial Keratin K1b, Specifically Expressed in Eccrine Sweat Glands. J. Invest. Dermatol. 125, 428-444 (2005).	human	IHC (frozen)