

## Product datasheet

### anti-Keratin K19 mouse monoclonal, Ks19.10, supernatant

#### Short overview

<b>Cat. No.</b>	65135
<b>Quantity</b>	5 ml

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone</b>	Ks19.10
<b>Immunogen</b>	Cytoskeletal preparation from human tumor cell line MCF-7
<b>Formulation</b>	Contains 0.09% sodium azide
<b>UniproID</b>	P08728 (Bovine), P08727 (Human), Q63279 (Rat)
<b>Synonym</b>	Keratin, type I cytoskeletal 19, Cytokeratin-19, CK-19, Keratin-19, K19, KRT19
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Hybridoma cell culture supernatant
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	ELISA, ICC/IF, IHC, WB
<b>Reactivity</b>	Bovine, Human, Rat

#### Applications

<b>ELISA</b>	Assay dependent
<b>Immunocytochemistry (ICC)</b>	Assay dependent
<b>Immunohistochemistry (IHC) - frozen</b>	Ready-to-use
<b>Western Blot (WB)</b>	Assay dependent

#### Background

Ks 19.10 represents a sensitive marker to discriminate glandular epithelia (and tumors derived therefrom) from those of different origin. No reaction with hepatocellular CA! Tumors specifically detected: All adeno-CA tested; cholangio CA of liver; renal cell CA, transitional cell CA of bladder; ovary CA; squamous cell CA of cervix, bronchus and lung (intermediate type); carcinoid tumor of bronchus; mammary CA. Polypeptide reacting: Mr 40 000 polypeptide (keratin K19; formerly also designated cytokeratin 19) of human glandular epithelia. Reactivity on cultured cell lines: MCF-7, negative on PLC.

#### Product images



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## References

Publication	Species	Application
<a href="#">Langbein, L. et al. Characterization of a Novel Human Type II Epithelial Keratin K1b, Specifically Expressed in Eccrine Sweat Glands. J. Invest. Dermatol. 125, 428â€“444 (2005).</a>	human	IHC (frozen)