

Product datasheet for **BM2244**

Cytokeratin 19 (KRT19) Mouse Monoclonal Antibody [Clone ID: KS19.2(Z105.6)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	KS19.2(Z105.6)
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Western blot. Cytological Material. Immunohistochemistry on Frozen Sections: <i>Dilution Buffer:</i> Dilute 1/10 with PBS, pH 7.4, for use in Immunohistochemistry. <i>Incubation Time:</i> 1 hour at room temperature.
Reactivity:	Amphibian, Bovine, Chicken, Human, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Keratin K19 of Mr 40000 from cultured Human MCF-7 cells
Specificity:	This antibody represents an excellent marker to discriminate glandular epithelial carcinoma from those of different origin. No reaction with hepatocellular Ca.! Recognizes a Mr 40,000 polypeptide (Cytokeratin 19) of Human glandular epithelia. Positive on the following cell lines: MCF-7, RT 112, Detroit 562, RPMI 2650, HT-29, SSC-12. Tumors Specifically Detected: All tested adenocarcinoma; cholangio ca. of liver; renal cell ca.; transitional cell ca. of the bladder; ovary ca.; squamous cell ca. of cervix, bronchus and lung (intermediate type); mesothelioma; carcinoid tumor of bronchus; breast ca.; thymoma. Negative Species: Mouse, Woodchuck, Chicken and Xenopus.
Formulation:	PBS pH 7.4 State: Purified State: Lyophilized purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Reconstitution Method:	Restore with 1.0 ml distilled water.
Purification:	Affinity Chromatography on Protein A



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Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 19
Database Link:	Entrez Gene 3880 Human P08727
Background:	Cytokeratin 19 is a type I acidic subfamily of intermediate filament protein that is expressed in stratified and simple type epithelia. Keratin 19 is not expressed in hepatocytes; therefore, antibody to keratin 19 is useful in the identification of liver metastasis. The degree of keratin 19 positivity in breast cancer distinguishes malignant from benign tumors. Keratin 19 is often co-expressed with keratin 7.
Synonyms:	Cytokeratin-19, Keratin-19, KRT19, CK19, K19
Note:	Clone Ks 19.2 (Z105.6) is also published as BM 19.21, MAK 19.21