

Product datasheet for **BM2275P**

Cytokeratin 18 (KRT18) Mouse Monoclonal Antibody [Clone ID: Ks18.04]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Ks18.04
Applications:	IHC, WB
Recommended Dilution:	Western blot. Immunohistochemistry on Frozen and Paraffin Sections: 1/20 with PBS. Microwave treatment is recommended. Incubation time: 1h at 37°C, extended with paraffin sections (overnight at 2-8°C).
Reactivity:	Bovine, Canine, Hamster, Human, Mouse, Porcine, Rat, Sheep, Trout, Zebrafish
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human keratin K18 from HeLa cytoskeletal preparation
Specificity:	Ks 18.04 represents an excellent marker to discriminate 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 45 000 polypeptide (human keratin K18) of all simple type epithelia and basal cells of many squamous, nonepidermal epithelia. Tested Reactivities on Cultured Cell Lines: HeLa and MCF-7.
Formulation:	PBS, pH 7.4 State: Purified State: Lyophilized purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.09% Sodium azide
Reconstitution Method:	Restore in 1.0 ml distilled water.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated



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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 18
Database Link:	Entrez Gene 3875 Human P05783
Background:	Cytokeratin 18 is an acidic keratin which is found primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas but not in squamous cell carcinomas. Cytokeratin 18 exists in combination with Cytokeratin 8, a basic keratin. Hepatocellular carcinomas have been reportedly defined by the use of antibodies that recognize only Cytokeratins 8 and 18.
Synonyms:	Cytokeratin-18, CK18, Keratin-18, Keratin 18, KRT18, CYK18, K18