

Product datasheet for **BM2275F**

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

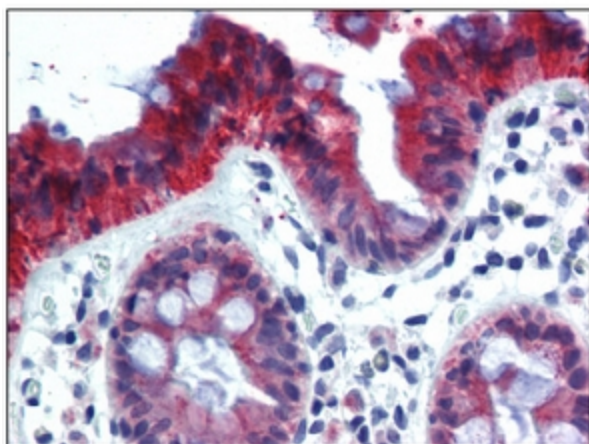
Product data:

Product Type:	Primary Antibodies
Clone Name:	Ks18.04
Applications:	FC, IF, IHC
Recommended Dilution:	Immunofluorescence. Cytological material. Flow Cytometry: 1/5-1/10. Immunohistochemistry on Frozen Sections: 1/10. Immunohistochemistry on Paraffin Sections: 1/10. Incubation Time: 1 h at 37°C.
Reactivity:	Bovine, Canine, Hamster, Human, Mouse, Porcine, Rat, Sheep, Trout
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human keratin K18 from a HeLa cytoskeletal preparation
Specificity:	Ks 18.04 represents an excellent marker to discriminate simple epithelia from those of different origin. Tested 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. Reacts with HeLa and MCF-7 (cell lines tested so far).
Formulation:	Label: FITC State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide Label: Fluorescein
Purification:	Affinity Chromatography on Protein A
Conjugation:	FITC

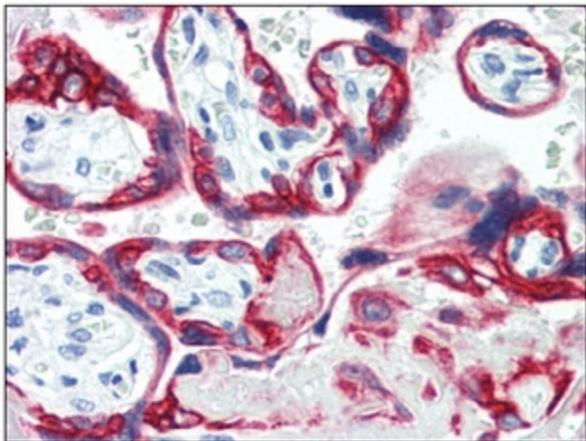


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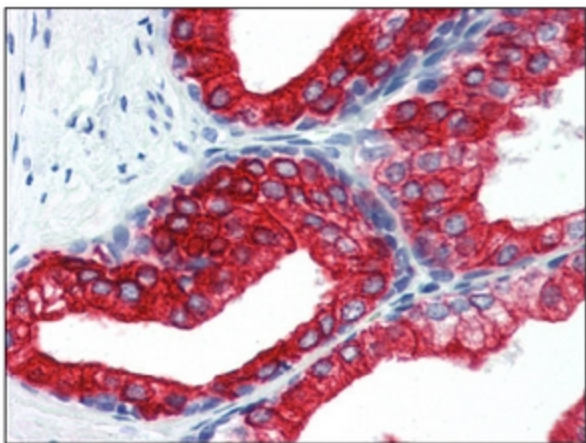
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 18
Database Link:	Entrez Gene 3875 Human P05783
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

Product images:

BM2275F KRT18 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Colon followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



BM2275F KRT18 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Placenta followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



BM2275F KRT18 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Prostate followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.