

Product datasheet for **AM09125SU-N**

Cytokeratin 18 (KRT18) (Multi-Epitope Cocktail) Mouse Monoclonal Antibody [Clone ID: Ks18.04/18.27/18.5/9B1/18.174]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Ks18.04/18.27/18.5/9B1/18.174
Applications:	IHC, WB
Recommended Dilution:	Immunoblotting (Western). Immunohistochemistry on Frozen and paraffin-Embedded Tissue (only when using the microwave method) and Cytological Material . <i>Working Dilution:</i> Ready-to-use for Immunohistochemistry. <i>Incubation Time:</i> 1h at RT, extended with paraffin sections (over night at 2-8°C).
Reactivity:	Bovine, Canine, Fish, Hamster, Human, Mammalian, Mouse, Porcine, Rat, Sheep
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Keratin K18 of Human and Bovine origin.
Specificity:	The antibody cocktail 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 and bovine K18; formerly also designated cytokeratin 18) of all simple type epithelia and basal cells of many squamous, nonepidermal epithelia. Reactivities on Cultured Cell Lines: HeLa and MCF-7.
Formulation:	State: Supernatant State: Hybridoma Culture Supernatant Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	Homo sapiens keratin 18, type I (KRT18), transcript variant 1



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Database Link:	Entrez Gene 16668 Mouse Entrez Gene 294853 Rat 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 express only Cytokeratins 8 and 18.
Synonyms:	Cytokeratin-18, CK18, Keratin-18, Keratin 18, KRT18, CYK18, K18
Protein Pathways:	Pathogenic Escherichia coli infection