

## Product datasheet for **AM32291SU-N**

### Cytokeratin 18 (KRT18) Mouse Monoclonal Antibody [Clone ID: M9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	M9
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Immunoblotting.</b> <b>Immunofluorescence.</b> <b>Immunohistochemistry on Frozen Sections:</b> ~1/150, preferably in PBS. <b>Immunohistochemistry on Paraffin Sections:</b> A positive result on paraffin embedded tissues could be obtained with a TUF pretreatment at a antibody dilution of 1/10.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Cytokeratin isolated from Human breast carcinoma cell line MCF-7.
Specificity:	In Immunoblotting experiments the antibody clone <i>M9</i> recognizes only CytoKeratin 18 (45 kD) and lacks cross reactivity with other Cytokeratins. The antibody stains especially simple epithelia. <b>Cross reactivity</b> GFAP : not detectable Neurofilament : not detectable Vimentin : not detectable Desmin : not detectable
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant Preservative: Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 18



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**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