

Product datasheet for **AM10026PU-S**

Cytokeratin 19 (KRT19) Mouse Monoclonal Antibody [Clone ID: CK202]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CK202
Applications:	IF, IHC
Recommended Dilution:	Suitable for Immunohistochemistry and Immunocytochemistry (Frozen or Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections and cell smears). For IHC dilute concentrated antibody at 1/50-1/100, use streptavidin~biotin system or polymer system, incubate 30 minutes at room temperature. FFPE tissue section requires antigen retrieval (boiling tissue in 10 mM citrate, pH 6.0 for 10-15 minutes followed by cooling for 10-15 minutes). Immunofluorescence: Recommended Positive Control: Breast ca, colon ca, and colon ca cell line, LS174T and HT29.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human mammary epithelium, solubilized by detergent.
Specificity:	This antibody recognises Cytokeratin 19 (CK19). Cellular Localization: Cytoplasmic.
Formulation:	PBS, pH 7.4 containing 0.05% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	keratin 19



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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