

Product datasheet for **AM10027BT-N**

Cytokeratin 8 (KRT8) (+ KRT18) Mouse Monoclonal Antibody [Clone ID: CK207]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CK207
Applications:	IF, IHC
Recommended Dilution:	Immunohistochemistry. 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. For FFPE tissue sections antigen retriever like trypsin or citrate is required. Citrate antigen retriever: Boil tissue in 10 mM citrate, pH 6.0 for 10-15 minutes followed by cooling for 10-15 minutes at RT. Biotinylated antibody can be diluted 1/40-1/80 for IHC. Recommended Positive Control: Human breast, any GI tissue or skin.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified keratins.
Specificity:	This antibody recognizes all simple epithelia and glandular (thyroid, breast, GI tract, respiratory tract, urinary tract). Most squamous carcinomas and all adenocarcinomas are stained by this antibody and keratinizing squamous carcinomas are mostly negative. Cellular Localization: Cytoplasmic.
Formulation:	PBS, pH 7.4 Label: Biotin State: Purified State: Liquid purified Ig fraction Stabilizer: 1% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific



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Purification:	Protein A Chromatography
Conjugation:	Biotin
Storage:	Store 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 8
Database Link:	Entrez Gene 3856 Human P05787
Background:	Cytokeratins are intermediate filament keratins found in the intracytoplasmic cytoskeleton of epithelial tissue. There are two types of Cytokeratins: the low weight, acidic type I cytokeratins and the high weight, basic or neutral type II. Cytokeratins are usually found in pairs comprising a type I Cytokeratin and a type II cytokeratin. The high molecular weight cytokeratins, which are the basic or neutral cytokeratins, comprise subtypes CK1, CK2, CK3, CK4, CK5, CK6, CK7, CK8 and CK9. The low molecular weight cytokeratins, which are the acidic cytokeratins, comprise subtypes CK10, CK12, CK 13, CK14, CK16, CK17, CK18, CK19 and CK20.
Synonyms:	KRT8, CYK8, Cytokeratin-8, CK8, Keratin-8, K8, Cytokeratin endo A
Protein Families:	Druggable Genome