OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AM10027FC-N

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	CK207
Applications:	FC, IF
Recommended Dilution:	**Immunofluorescence:** 10-20 µg/ml (1/10-1/20), incubate for 2 hours in the dark at RT or it can also be incubated overnight at 4°C. **Flow Cytometry:** 0.2-1.0 µg/0.1 ml (1/200-1/1,000) (Not tested in our lab).
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: FITC State: Purified State: Liquid purified Ig fraction Stabilizer: 1% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	FITC
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.

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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