

## Product datasheet for **TA813284**

### Cytokeratin 8 (KRT8) Mouse Monoclonal Antibody [Clone ID: OTI8D4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8D4
Applications:	IHC
Recommended Dilution:	IHC 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 91-381 of human KRT8 (NP_002264) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1.00mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53.5 kDa
Gene Name:	keratin 8
Database Link:	<a href="#">NP_002264</a> <a href="#">Entrez Gene 3856 Human</a> <a href="#">P05787</a>



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**Background:**

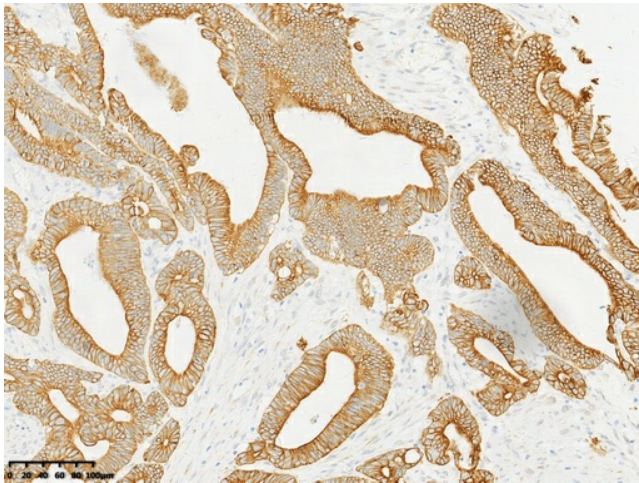
This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

**Synonyms:**

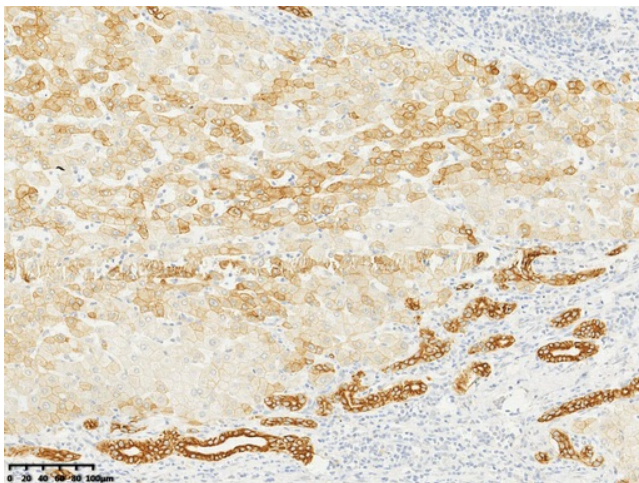
CARD2; CK-8; CK8; CYK8; K2C8; K8; KO

**Protein Families:**

Druggable Genome

**Product images:**

IHC staining of FFPE human colon cancer tissue using anti-KRT8 mouse monoclonal antibody (TA813284) and Polink-2 HRP polymer detection kit (D22-110). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 (B04C-100) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



IHC staining of FFPE human liver cancer tissue using anti-KRT8 mouse monoclonal antibody (TA813284) and Polink-2 HRP polymer detection kit (D22-110). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 (B04C-100) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.