



Rabbit Anti-Human KRT19 Monoclonal Antibody, clone CQ7133 (CABT-Z196R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to cytokeratin 19 residues within aa1-100 of cytokeratin 19 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7133
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	44 kDa
Cellular Localization	Cytoplasm
Positive Control	Thyroid cancer
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Cytokeratin 19 is the smallest keratin and is exceptional since it widely lacks the non--helical tail domain typical for all other keratins. It may have evolved from keratinocyte keratins. Cytokeratin 19 is expressed in most simple epithelia (excluding parenchymatous cells such as hepatocytes, pancreatic acinar cells, and renal proximal tubular cells), notably in various ductal epithelia, in small and large intestinal epithelium, in gastric foveolar epithelium, and in mesothelium. Furthermore, it is present in most cells of pseudostratified epithelia and urothelium as well as in basal cells of non-keratinizing stratified squamous epithelium. In carcinomas, cytokeratin 19 is widely expressed in both adenocarcinomas and squamous cell carcinomas and therefore is not extensively used as an immunohistochemical marker for carcinoma subtyping. Cytokeratin 19 is not expressed in most hepatocytes, therefore cytokeratin 19 is useful in the identification of liver metastasis and can be used in a panel with Hepatocyte Specific Antigen.
Keywords	KRT19; keratin 19; K19; EndoC; Krt1-19; A1663979; Krt-1.19; keratin, type I cytoskeletal 19; CK19; keratin-19; cytokeratin 19; cytokeratin-19; keratin complex 1, acidic, gene 19

GENE INFORMATION

Gene Name	KRT19
Entrez Gene ID	3880
UniProt ID	P08727