



Rabbit Anti-Human KRT6C Monoclonal Antibody, clone CQ7176 (CABT-Z232R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to Cytokeratin 6 residues within aa464-564 of Cytokeratin 6 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7176
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	60 kDa
Cellular Localization	Cytoplasm
Positive Control	Esophagus 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 6 is an epidermis-specific type I keratin involved in wound healing. Involved in the activation of follicular keratinocytes after wounding, while it does not play a major role in keratinocyte proliferation or migration. This protein always paired with the type-I keratin K16. Cytokeratin 6 have been identified in epidermis only in samples from plantar glabrous skin while in hairy skin this keratin appeared to be absent in interfollicular epidermis but were clearly present in hair follicle outer root sheath, and this protein also consistently expressed in non-keratinizing stratified squamous epithelia. Among tumors, cytokeratin 6 is typically and strongly expressed in squamous cell carcinomas of different sites, preferentially in inner, maturing layers of the tumor cell nests. Cytokeratin 6 is always used with cytokeratin 5 and is a useful aid for classification of epithelioid mesotheliomas.

Keywords KRT6C; keratin 6C; keratin 6E; KRT6E; keratin, type II cytoskeletal 6C; K6C; CK-6C; CK-6E; keratin 6E; keratin-6C; keratin K6h; cytokeratin-6C; cytokeratin-6E; type-II keratin Kb12; K6E; KRT6E; MGC102925; MGC163455; MGC163457

GENE INFORMATION

Gene Name	KRT6C
Entrez Gene ID	286887
UniProt ID	P48668