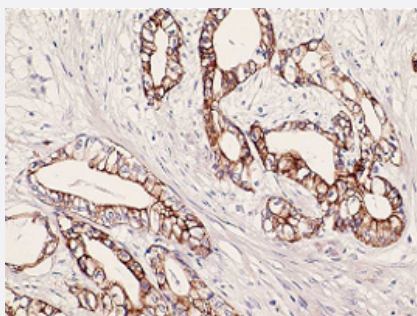


KRT7 monoclonal antibody, clone R17-S

Catalog # MAB1657 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human pancreatic tissue (4 um) stained with KRT7 monoclonal antibody, clone R17-S (Cat # MAB1657) shows positive immunostaining of pancreatic adenocarcinoma. Kindly performed and provided by Katarina Poliakova, MD and Lubomir Straka, MD, Ph. D. from Clinical Pathology Presov, Ltd., Presov, Slovakia.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of KRT7.
Immunogen	A synthetic peptide corresponding to N-terminus of human KRT7.
Host	Rabbit
Reactivity	Human
Form	Liquid
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0 (20 mg/mL BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — KRT7

Entrez GeneID	3855
Gene Name	KRT7
Gene Alias	CK7, K2C7, K7, MGC129731, MGC3625, SCL
Gene Description	keratin 7
Omim ID	148059
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described. [provided by RefSeq]
Other Designations	cytokeratin 7 keratin, 55K type II cytoskeletal keratin, simple epithelial type I, K7 keratin, type II cytoskeletal 7 sarcolectin type II mesothelial keratin K7