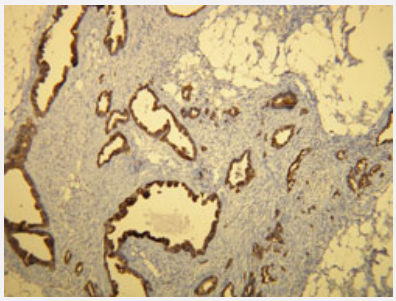
KRT7 monoclonal antibody, clone R17-S

Catalog # MAB15941 Size 200 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ductal pancreatic adenocarcinoma with KRT7 monoclonal antibody, clone R17-S (Cat # MAB15941).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human KRT7.
Immunogen	A synthetic peptide corresponding to N-terminus of human KRT7.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	EVAC purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (20 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ductal pancreatic adenocarcinoma with KRT7 monoclonal antibody, clone R17-S (Cat # MAB15941).

Gene Info — KRT7

Entrez GeneID	3855
Protein Accession#	P08729
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 coex pressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is s pecifically expressed in the simple epithelia lining the cavities of the internal organs and in the gla nd 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 cyto skeletal 7|sarcolectin|type II mesothelial keratin K7

Publication Reference

- An immunohistochemical study on the expression of sex steroid receptors, Ki-67 and cytokeratins 7 and 20 in feline endometrial adenocarcinomas.

  Saraiva AL, Payan-Carreira R, Gärtner F, Fortuna da Cunha MR, Rêma A, Faria F, Lourenço LM, Pires Mdos A.

  BMC Veterinary Research 2015 Aug; 11:204.

  Application: IHC-P, Human, Endometrial adenocarcinomas

- Foamy cell angiosarcoma is a diagnostic pitfall: a case report of an angiosarcoma mimicking xanthoma.

  Svajdler M, Benicky M, Frohlichova L, Benes T, Hojstricova Z, Kazakov DV.

  The American Journal of Dermatopathology 2014 Aug; 36(8):669.

  Application: IHC, Human, Human angiosarcoma

- Fibroblast α11β1 integrin regulates tensional homeostasis in fibroblast/A549 carcinoma heterospheroids.

  Lu N, Karlsen TV, Reed RK, Kusche-Gullberg M, Gullberg D.

  PLoS One 2014 Jul; 9(7):e103173.

  Application: IF, Human, A-549 cells