KRT7 monoclonal antibody, clone C35

Catalog # MAB1938 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native KRT7.
Immunogen	Native purified human KRT7.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)

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 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

- A panel of monoclonal antibodies to keratin no. 7: characterization and value in tumor diagnosis.

  Vojtesek B, Staskova Z, Nenutil R, Bartkova J, Kovarik J, Rejthar A, Bartek J.

  Neoplasma 1990 Jan; 37(3):333.

- Monoclonal antibodies against individual cytokeratins in the detection of metastatic spread.

  Kovarik J, Rejthar A, Lauerova L, Vojtesek B, Bartkova J.

  International Journal of Cancer. Supplement 1988 Jan; 3:50.

  Application: IHC-P, Human, Human bone-marrow samples, Human lymph-node specimens