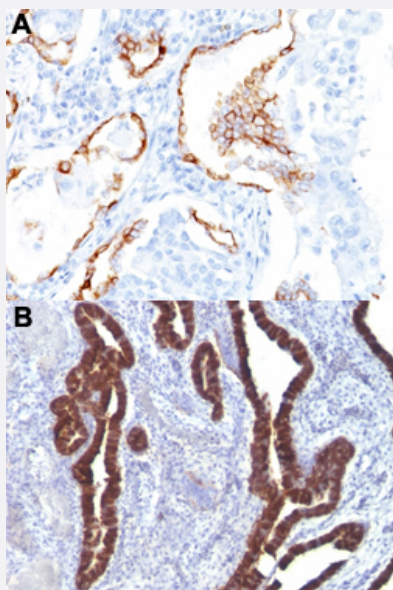


KRT7 monoclonal antibody, clone K72.7

Catalog # MAB14310 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung SCC (A) and ovarian carcinoma (B) with KRT7 monoclonal antibody, clone K72.7 (Cat # MAB14310).

Specification

Product Description Mouse monoclonal antibody raised against native human KRT7.

Immunogen Semi-purified cytokeratin preparation.

Host Mouse

Theoretical MW (kDa) 55

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage

Flow Cytometry (0.5-1 ug/10⁶ cells in 0.1 mL)
Immunofluorescence (0.5-1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer

In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung SCC (A) and ovarian carcinoma (B) with KRT7 monoclonal antibody, clone K72.7 (Cat # MAB14310).

- Immunofluorescence

- Flow Cytometry

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 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
