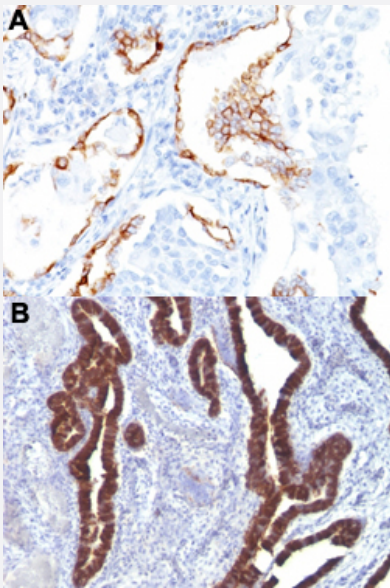


# KRT7 monoclonal antibody, clone K72.7

Catalog # MAB14309      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 # MAB14309).

## 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

<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> 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.
<b>Storage Buffer</b>	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## 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 # MAB14309).

- Immunofluorescence

- Flow Cytometry

## Gene Info — KRT7

<b>Entrez GeneID</b>	<a href="#">3855</a>
<b>Protein Accession#</b>	<a href="#">P08729</a>
<b>Gene Name</b>	KRT7
<b>Gene Alias</b>	CK7, K2C7, K7, MGC129731, MGC3625, SCL
<b>Gene Description</b>	keratin 7
<b>Omim ID</b>	<a href="#">148059</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

<b>Gene Summary</b>	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]
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**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

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