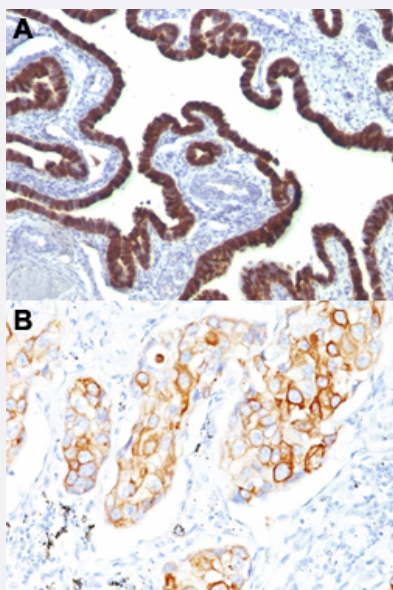


# KRT7 monoclonal antibody, clone OV-TL12/30

Catalog # MAB14308      Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of ovarian carcinoma (A) and human lung SCC (B) with KRT7 monoclonal antibody, clone OV-TL12/30 (Cat # MAB14308).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against native human KRT7.
<b>Immunogen</b>	OTN 11 ovarian carcinoma cell line.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	55
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1

**Recommend Usage**

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.

**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 ovarian carcinoma (A) and human lung SCC (B) with KRT7 monoclonal antibody, clone OV-TL12/30 (Cat # MAB14308).

- 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

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