

RecomAb™

# KRT7 recombinant monoclonal antibody, clone KRT7/1499R

Catalog # RAB00337      Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human oviduct with KRT7 recombinant monoclonal antibody, clone KRT7/1499R (Cat # RAB00337).

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KRT7.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human KRT7.
Theoretical MW (kDa)	55
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells) 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 (0.05% BSA, 0.05% sodium azide)

**Storage Instruction**

Store at 4°C.

**Note**

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 oviduct with KRT7 recombinant monoclonal antibody, clone KRT7/1499R (Cat # RAB00337).

- 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

## Publication Reference

- [Use of monoclonal antibodies to keratin 7 in the differential diagnosis of adenocarcinomas.](#)

Ramaekers F, van Niekerk C, Poels L, Schaafsma E, Huijsmans A, Robben H, Schaart G, Vooijs P.

The American Journal of Pathology 1990 Mar; 136(3):641.