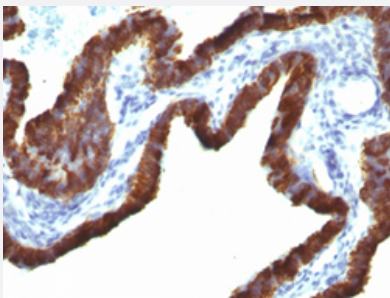


KRT7 monoclonal antibody, clone KRT7/760 + OV-TL12/30

Catalog # MAB21276 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ovarian cancer with KRT7 monoclonal antibody, clone KRT7/760 + OV-TL12/30 (Cat # MAB21276).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human KRT7.
Immunogen	Recombinant protein corresponding to full length human KRT7.
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/10 ⁶ cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 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 ovarian cancer with KRT7 monoclonal antibody, clone KRT7/760 + OV-TL12/30 (Cat # MAB21276).

- 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