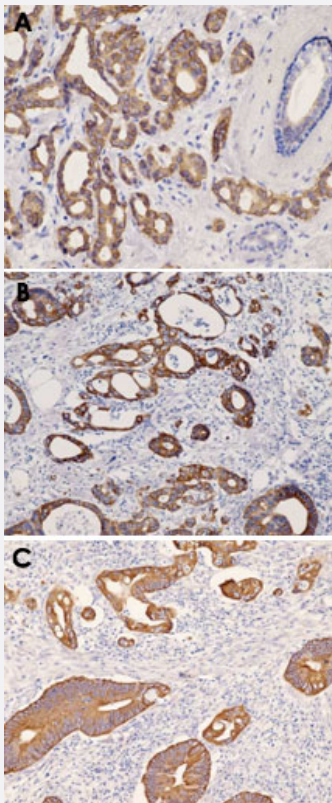


# KRT8 monoclonal antibody, clone R15-K

Catalog # MAB9771

Size 100 uL

## Applications



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

Formalin-fixed and paraffin-embedded human breast cancer tissue (A, 4  $\mu$ m), human stomach adenocarcinoma (B, 4  $\mu$ m), and human colon adenocarcinoma (C, 4  $\mu$ m), stained with KRT8 monoclonal antibody, clone R15-K (Cat # MAB9771) shows strong positive cytoplasmic immunostaining of neoplastic cells (A), strong positive cytoplasmic immunostaining of tumor cells (B, C). Kindly performed and provided by Katarina Poliakova, MD and L'ubomir Straka, MD, Ph. D. from Clinical Pathology Presov, Ltd., Presov, Slovak republic.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of KRT8.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human KRT8.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid



Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0 (20 mg/mL 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)

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- Immunohistochemistry (Frozen sections)

## Gene Info — KRT8

Entrez GeneID	<a href="#">3856</a>
Protein Accession#	<a href="#">P05787</a>
Gene Name	KRT8
Gene Alias	CARD2, CK8, CYK8, K2C8, K8, KO
Gene Description	keratin 8
Omim ID	<a href="#">148060</a> <a href="#">215600</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. [provided by RefSeq]
Other Designations	cytokeratin 8 keratin, type II cytoskeletal 8



## Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Chronic Disease](#)
- [Disease Progression](#)
- [Drug-Induced Liver Injury](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Inflammatory Bowel Diseases](#)
- [Liver Cirrhosis](#)
- [Liver Failure](#)
- [Neuroblastoma](#)
- [Pancreatitis](#)