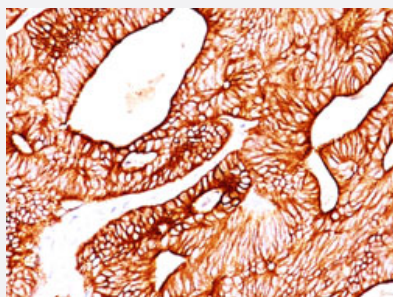


# KRT8 monoclonal antibody, clone H1

Catalog # MAB11343      Size 100 ug

## Applications



### Immunohistochemistry

Immunohistochemical staining of human colon with KRT8 monoclonal antibody, clone H1 (Cat # MAB11343) at 1-2 ug/mL, for 30 min at RT.

## Specification

**Product Description** Mouse monoclonal antibody raised against KRT8.

**Immunogen** Cytoskeleton preparation containing cytokeratin 8.

**Host** Mouse

**Reactivity** Human, Rat, Zebra fish

**Form** Liquid

**Purification** Protein A/G affinity chromatography

**Isotype** IgG1

**Recommend Usage**

- Flow Cytometry (0.5-1 ug/million cells)
- Immunofluorescence (1-2 ug/mL)
- Immunohistochemistry (1-2 ug/mL for 30 min at RT)
- Immunoprecipitation (1-2 ug/500 ug protein)
- Western Blot (0.25-0.5 ug/mL)
- The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.4 (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

- Western Blot

- Immunohistochemistry

Immunohistochemical staining of human colon with KRT8 monoclonal antibody, clone H1 (Cat # MAB11343) at 1-2 ug/mL, for 30 min at RT.

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

## Gene Info — KRT8

## Entrez GeneID

[3856](#)

## Gene Name

KRT8

## Gene Alias

CARD2, CK8, CYK8, K2C8, K8, KO

## Gene Description

keratin 8

## Omim ID

[148060](#) [215600](#)

## Gene Ontology

[Hyperlink](#)

## 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](#)