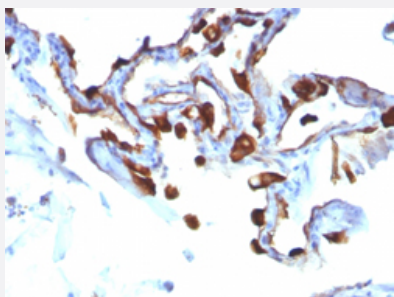


KRT8 monoclonal antibody, clone KRT8/803

Catalog # MAB14321 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung carcinoma with KRT8 monoclonal antibody, clone KRT8/803 (Cat # MAB14321).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human KRT8.
Immunogen	Recombinant protein corresponding to full length human KRT8.
Host	Mouse
Theoretical MW (kDa)	52.5
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 (1-2 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 lung carcinoma with KRT8 monoclonal antibody, clone KRT8/803 (Cat # MAB14321).

- Immunofluorescence
- Flow Cytometry

Gene Info — KRT8

Entrez GeneID
[3856](#)
Protein Accession#
[P05787](#)
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](#)