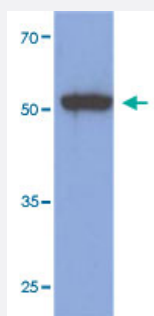


KRT8 monoclonal antibody, clone AT3D11

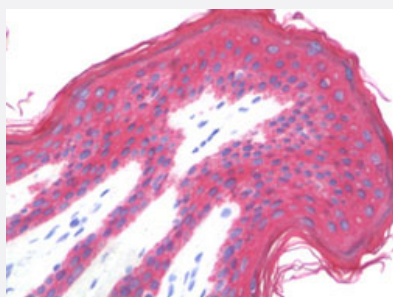
Catalog # MAB12471 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate using KRT8 monoclonal antibody, clone AT3D11 (Cat # MAB12471) at 1:1000 dilution.



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with KRT8 monoclonal antibody, clone AT3D11 (Cat # MAB12471) under 10 ug/mL working concentration.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human KRT8.
Immunogen	Recombinant protein corresponding to full length human KRT8.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG3, kappa

Recommend Usage	ELISA Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate using KRT8 monoclonal antibody, clone AT3D11 (Cat # MAB12471) at 1:1000 dilution.

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- Enzyme-linked Immunoabsorbent Assay

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](#)