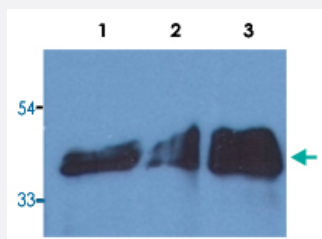


KRT18 monoclonal antibody, clone DA-7 (Biotin)

Catalog # MAB6506 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blotting analysis (reducing conditions) of whole cell lysate using KRT18 monoclonal antibody, clone DA-7 (Cat # MAB0860).

Lane 1 : HeLa (human cervix carcinoma cell line).

Lane 2 : A-431 (human epidermoid carcinoma cell line).

Lane 3 : MCF-7 (human breast adenocarcinoma cell line).

Specification

Product Description	Mouse monoclonal antibody raised against native KRT18.
Immunogen	Native purified KRT18 from human breast carcinoma cell line (PMC-42).
Host	Mouse
Theoretical MW (kDa)	45
Reactivity	Human
Specificity	This antibody reacts with Cytokeratin 18 (45 KDa).
Form	Liquid
Conjugation	Biotin
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction

Store at 4°C. Do not freeze.
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)

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

- Immunocytochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KRT18

Entrez GeneID[3875](#)**Gene Name**

KRT18

Gene Alias

CYK18, K18

Gene Description

keratin 18

Omim ID[148070 215600](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

cell proliferation-inducing protein 46|cytokeratin 18

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Drug-Induced Liver Injury](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Liver Failure](#)