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Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (clone DC10)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17388

Specification

Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (clone DC10) - Product Information

Application	**WB, IHC-P**
Primary Accession	P05783
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1,k**
Calculated MW	**48058**

Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (clone DC10) - Additional Information

Gene ID 3875

Alias Symbol	**KRT18**

Other Names
KRT18, CK-18, Cytokeratin 18, Cytokeratin-18, K18, Keratin 18, CYK18, Keratin-18

Target/Specificity
Human KRT18 / CK18 / Cytokeratin 18

Reconstitution & Storage
PBS, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Precautions
Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (clone DC10) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (clone DC10) - Protein Information

Name KRT18

Synonyms CYK18

Function
Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

Cellular Location
Nucleus matrix {ECO:0000250|UniProtKB:Q5BJY9}. Cytoplasm, perinuclear region. Nucleus, nucleolus. Cytoplasm {ECO:0000250|UniProtKB:Q5BJY9}

Tissue Location
Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.

Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (clone DC10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (clone DC10) - Images