

Mouse CK18 Monoclonal Antibody | anti-CK18 antibody

Monoclonal Antibody to CK18 (Clone: DC10)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78457	Mouse	Human Predicted: Mouse	Western Blot, Immunohistochemistry

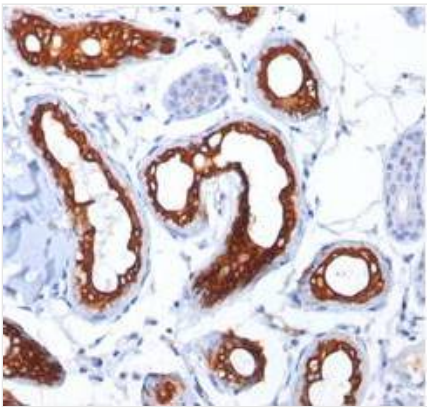
PRODUCT SYNONYMS

CK18; Monoclonal Antibody; Monoclonal Antibody to CK18 (Clone: DC10); KRT18; CYK18; PIG46; Cell proliferation-inducing gene 46 protein; CK-18; Cytokeratin-18; K18; Keratin-18; anti-CK18 antibody

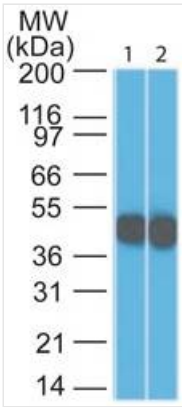
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Predicted: Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	DC10
Purity/Purification	Purified Protein G Chromatography
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	430
Applicable Applications for anti-CK18 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antigen	CK18
Immunogen Information	Human breast cancer PMC 42 cells were used as immunogen to generate the Keratin 18 antibody.
Conjugation	Unconjugated
Preparation and Storage	Store the antibody at 4 degree C; stable for 6 months. For long-term storage; store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Fig: 2 Immunohistochemical analysis of CK18 in human skin sweat gland using CK18 antibody (Clone: DC10) at 1: 150 dilution.



WB (Western Blot)
Fig: 1 Western blot analysis of CK18. Anti-CK18 antibody (Clone: DC10) was used at 1 ug/ml in 1) HeLa and 2) A431 lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CK18 antibody	Keratins, also called cytokeratins, comprise a family of filamentous structural proteins that form the intermediate filaments of epithelial cells. Keratin proteins are differentially expressed depending on epithelial cell type and degree of differentiation. Antibody to a given keratin can be useful as a marker in of itself or as part of an antibody panel to help identify or classify tissue origin.
Product Categories/Family for anti-CK18 antibody	Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NM_000224.2
UniProt Accession #	P05783; Q53G38; Q5U0N8; Q9BW26
Molecular Weight	48,058 Da
NCBI Official Full Name	keratin, type I cytoskeletal 18
NCBI Official Synonym Full Names	keratin 18
NCBI Official Symbol	KRT18
NCBI Official Synonym Symbols	K18; CK-18; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.