

Anti-Human Keratin 18 Antibody, Clone DC-10



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Antibodies

Mouse monoclonal IgG1 antibody
against human keratin 18,
unconjugated

Catalog #60148

100 µg

Product Description

The DC-10 antibody clone recognizes the 45 kDa keratin 18 polypeptide. Keratins are intermediate filament proteins also called cytokeratins that are mainly expressed in a variety of simple and glandular epithelia. Keratin 18 is not expressed in stratified squamous epithelium. In the mammary gland, keratin 18 is expressed by luminal epithelial cells but not by myoepithelial cells.

Target Antigen Name:	Keratin 18
Alternative Names:	CK-18; CYK18; K18; Keratin 18, type I; KRT18
Gene ID:	3875
Species Reactivity:	Human
Host Species:	Mouse (BALB/c)
Clonality:	Monoclonal
Clone:	DC-10
Isotype:	IgG1
Immunogen:	Human breast carcinoma cell line PMC-42
Conjugate:	Unconjugated

Applications

Verified:	IHC
Reported:	FC, ICC, IF, IHC, IP, WB

Abbreviations: CellSep: Cell separation; ChIP: Chromatin immunoprecipitation; FA: Functional assay; FC: Flow cytometry; ICC: Immunocytochemistry; IF: Immunofluorescence microscopy; IHC: Immunohistochemistry; IP: Immunoprecipitation; RIA: Radioimmunoassay; WB: Western blotting

Properties

Formulation:	Phosphate-buffered saline
Purification:	The antibody was purified by affinity chromatography.
Stability and Storage:	Product stable at 2 - 8°C when stored undiluted. Do not freeze. For product expiry date, please contact techsupport@stemcell.com .
Directions for Use:	For immunocytochemistry the suggested concentration of this antibody is 1 - 3 µg/mL. It is recommended that the antibody be titrated for optimal performance for each application.

Related Products

For a complete list of antibodies, including other conjugates, sizes and clones, as well as related products available from STEMCELL Technologies, please visit our website at www.stemcell.com/antibodies or contact us at techsupport@stemcell.com.

References

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6. Moll R et al. (1982) The catalog of human cytokeratins: patterns of expression in normal epithelia, tumors and cultured cells. *Cell* 31(1): 11–24.

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