

# Cytokeratin 18 Monoclonal Antibody (DC-10), Biotin

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Non-human primate, Human, Mouse, Rhesus monkey
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	DC-10
Conjugate	Biotin
Immunogen	Human breast carcinoma cell line PMC-42.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.4
Contains	15mM sodium azide
Storage Conditions	4° C, do not freeze
RRID	AB_1075161

Applications	Tested	Dilution	Published
Immunohistochemistry (IHC)	-	1:200	9 Publications
Immunoprecipitation (IP)	-		1 Publication
Western Blot (WB)	-	1:2000	8 Publications
Flow Cytometry (Flow)	✓	Assay dependent	1 Publication
ELISA (ELISA)	-	10 ug/ml	1 Publication

## Product Specific Information

This antibody will not cross-react with porcine, mouse, rat, hamster, bovine, canine or sheep.

## 20 References

### Immunohistochemistry (9)

APMIS : acta pathologica, microbiologica, et immunologica  
Scandinavica

#### Malignant transformation of adenomyoepithelioma of the breast by a monophasic population: a report of two cases and review of literature.

"MA1-19476 was used in immunohistochemistry to report on two cases of malignant transformation of adenomyoepithelioma of the breast by a monophasic population"

Authors: Marian C,Boila A,Soanca D,Malau M,Podeanu DM,Resetkova E,Stolnicu S

Species  
Human

Dilution  
1:200

Year  
2013

Virchows Archiv : an international journal of pathology

#### Expression of KRT7 and WT1 differentiates precursor lesions of Wilms' tumours from those of papillary renal cell tumours and mucinous tubular and spindle cell carcinomas.

"MA1-19476 was used in immunohistochemistry to study the value of KRT7 and WT1 expression profiles in differentiating Wilms' tumour, papillary renal cell tumour and mucinous tubular and spindle cell carcinoma precursor lesions"

Authors: Szponar A,Kovacs G

Species  
Human

Dilution  
1:500

Year  
2012

[View more IHC references on thermofisher.com](#)

### Immunoprecipitation (1)

The Journal of cell biology

#### Glucose and SIRT2 reciprocally mediate the regulation of keratin 8 by lysine acetylation.

"MA1-19476 was used in immunoprecipitation to study the opposing effects of hyperglycemia and SIRT2 on keratin-8 lysine acetylation"

Authors: Snider NT,Leonard JM,Kwan R,Griggs NW,Rui L,Omary MB

Species  
Human

Dilution  
Not Cited

Year  
2013

### Western Blot (8)

Cell death and differentiation

#### Antagonistic roles of Notch and p63 in controlling mammary epithelial cell fates.

"MA1-19476 was used in western blot to investigate the role of Notch and p63 in regulation of mammary epithelial cell fates"

Authors: Yalcin-Ozuyal O,Fiche M,Guitierrez M,Wagner KU,Raffoul W,Brisken C

Species  
Human

Dilution  
1:2000

Year  
2010

[View more WB references on thermofisher.com](#)

### More applications with references on thermofisher.com

**Flow (1)** **ELISA (1)**

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