

## KRT9 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2581
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2b
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human KRT9 (AA: 153-460) expressed in E. Coli.
<b>Mol wt</b>	62kDa
<b>Species reactivity</b>	Others
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB,IHC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	K9;CK-9;EPPK

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene encodes the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic palmoplantar keratoderma.

### Recommended Dilution

WB: 1:500 - 1:2000

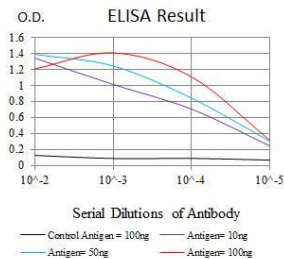
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

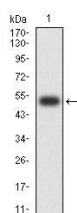
ELISA: 1:10000

Not yet tested in other applications.

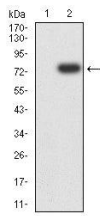
### Images



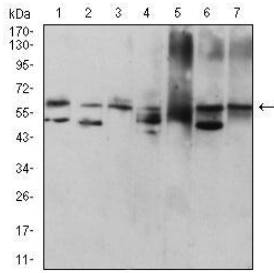
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



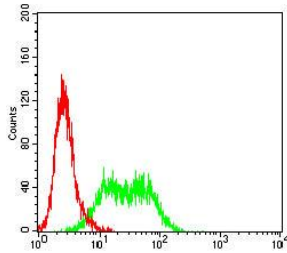
Western blot analysis using KRT9 mAb against human KRT9 (AA: 153-460) recombinant protein. (Expected MW is 51.7 kDa)



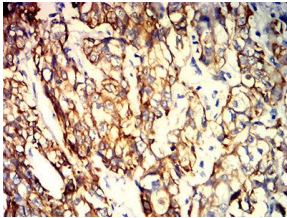
Western blot analysis using KRT9 mAb against HEK293-6e (1) and KRT9 (AA: 153-460)-hIgGFc transfected HEK293-6e (2) cell lysate.



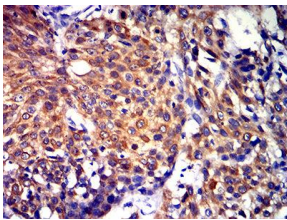
Western blot analysis using KRT9 mouse mAb against HepG2 (1), MCF-7 (2), NIH/3T3 (3), rat heart (4), mouse heart (5), Hela (6), and HUVEC (7) cell lysate.



Flow cytometric analysis of A431 cells using KRT9 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using KRT9 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using KRT9 mouse mAb with DAB staining.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)