BT LAB
Bioassay Technology Laboratory
Optimize Your Research

KRT15 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2178
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human KRT15 (AA: 105-456) expressed in E. Coli.
Mol wt	49.2Kda
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	K15;CK15;K1CO

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

Background

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2.

Recommended Dilution

WB: 1:500 - 1:2000

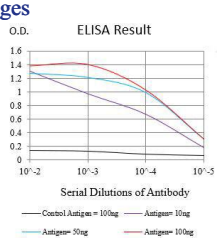
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

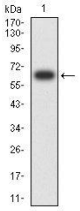
ELISA: 1:10000

Not yet tested in other applications.

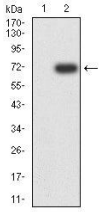
Images



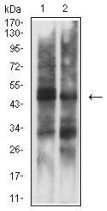
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



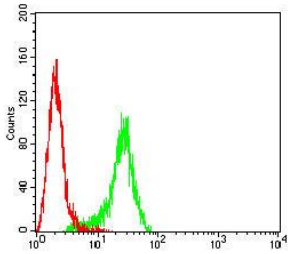
Western blot analysis using KRT15 mAb against human KRT15 (AA: 105-456) recombinant protein. (Expected MW is 66 kDa)



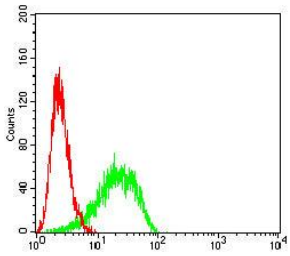
Western blot analysis using KRT15 mAb against HEK293-6e (1) and KRT15 (AA: 105-456)-hIgGFc transfected HEK293-6e (2) cell lysate.



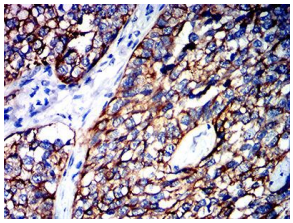
Western blot analysis using KRT15 mouse mAb against A431 (1) and Hela (2) cell lysate.



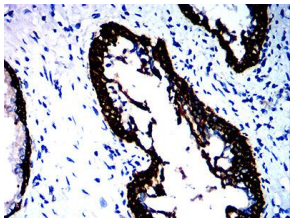
Flow cytometric analysis of PC-3 cells using KRT15 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Hela cells using KRT15 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using KRT15 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded prostate cancer tissues using KRT15 mouse mAb with DAB staining.

Storage

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

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