

## PTPN14 Monoclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Antibody   |
| <b>Code</b>                    | BT-MCA3293   |
| <b>Host</b>                    | Mouse  |
| <b>Isotype</b>                 | Mouse IgG1   |
| <b>Size</b>                    | 100µL, 50µL  |
| <b>Immunogen</b>               | Purified recombinant fragment of human PTPN14 (AA: 896-1169) expressed in E. Coli. |
| <b>Mol wt</b>                  | 135.3kDa   |
| <b>Species reactivity</b>      | Human  |
| <b>Clonality</b>               | Monoclonal   |
| <b>Recommended application</b> | IHC,ICC,FCM  |
| <b>Concentration</b>           | N/A  |
| <b>Full name</b>               | N/A  |
| <b>Synonyms</b>                | PEZ;PTP36  |

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

### Background

N/A

### Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

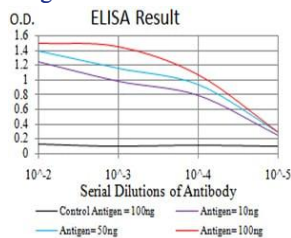
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

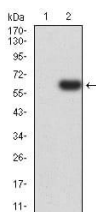
ELISA: 1:10000

Not yet tested in other applications.

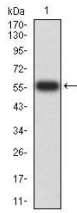
### Images



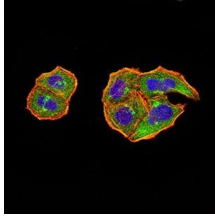
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



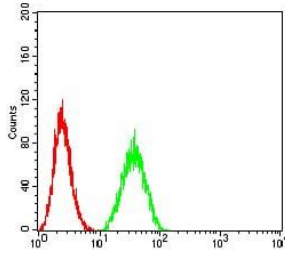
Western blot analysis using PTPN14 mAb against HEK293 (1) and PTPN14 (AA: 896-1169)-hIgGfc transfected HEK293 (2) cell lysate.



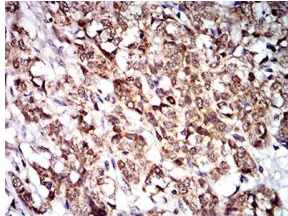
Western blot analysis using PTPN14 mAb against human PTPN14 (AA: 896-1169) recombinant protein. (Expected MW is 57.5 kDa)



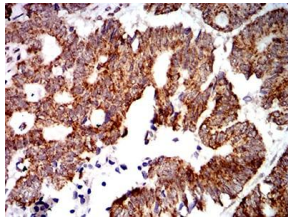
Immunofluorescence analysis of HeLa cells using PTPN14 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using PTPN14 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded breast cancer tissues using PTPN14 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PTPN14 mouse mAb with DAB staining.

### Storage

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

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