

## CD79B Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2188
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human CD79B (AA:extra 30-160) expressed in E. Coli.
<b>Mol wt</b>	26kDa
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	ICC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	B29;IGB;AGM6

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

### Background

The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.

### Recommended Dilution

WB: 1:500 - 1:2000

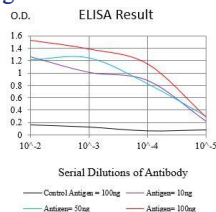
ICC: 1:25 - 1:50

FCM: 1:200 - 1:400

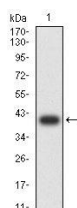
ELISA: 1:10000

Not yet tested in other applications.

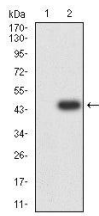
### Images



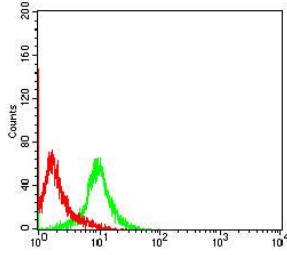
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



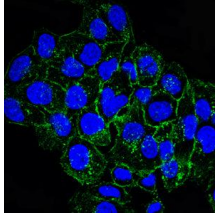
Western blot analysis using CD79B mAb against human CD79B (AA: extra 30-160) recombinant protein. (Expected MW is 41.1 kDa)



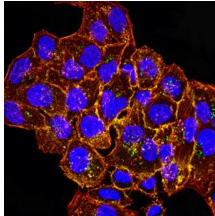
Western blot analysis using CD79B mAb against HEK293-6e (1) and CD79B (AA: extra 30-160)-hlgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of Raji cells using CD79B mouse mAb (green) and negative control (red).



Immunofluorescence analysis of HeLa cells using CD79B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)



Immunofluorescence analysis of HeLa cells using CD79B 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)

### Storage

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

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