

## CD18 Monoclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-MCA0279
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of CD18 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Monoclonal
Recommended application	IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Integrin beta-2
Synonyms	ITGB2; CD18; MF17; Integrin beta-2; Cell surface adhesion glycoproteins LFA-1; CR3; p150; 95 subunit beta; Complement receptor C3 subunit beta; CD antigen CD18

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

### Background

This gene encodes an integrin beta chain, which combines with multiple different alpha chains to form different integrin heterodimers. Integrins are integral cell-surface proteins that participate in cell adhesion as well as cell-surface mediated signalling. The encoded protein plays an important role in immune response and defects in this gene cause leukocyte adhesion deficiency. Alternative splicing results in multiple transcript variants.

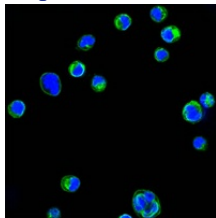
### Recommended Dilution

ELISA: 1:10000

IF: 1:200 - 1:1000

Not yet tested in other applications.

### Images



Confocal immunofluorescence analysis of HL60 cells using CD18 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.

### Storage

-20°C for one year