

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.

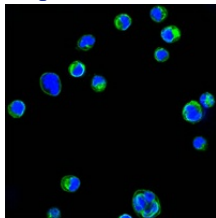
Recommended Dilution

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