9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2821: Anti-Ms CD18 Purified Low Endotoxin

Clonality :	Monoclonal
Clone Name :	M18/2
Application :	FACS
Reactivity :	Mouse
Gene :	Itgb2
Gene ID :	16414
Uniprot ID :	P11835
Alternative Name :	integrin subunit beta 2 Integrin beta2, Complement receptor C3 subunit beta, ITGB2
Immunogen Information :	Murine cytotoxic T cell glycoproteins

Description

CD18, integrin beta2 subunit, forms heterodimers with four types of CD11 molecule to constitute leukocyte (beta2) integrins: alphaLbeta2 (CD11a/CD18, LFA-1), alphaMbeta2 (CD11b/CD18, Mac-1, CR3), alphaXbeta2 (CD11c/CD18) and alphaDbeta2 (CD11d/CD18). In most cases, the response mediated by the integrin is a composite of the functions of its individual subunits. These integrins are essential for proper leukocyte migration, mediating intercellular contacts. Absence of CD18 leads to leukocyte adhesion deficiency-1; severe reduction of CD18 expression leads to the development of a psoriasiform skin disease. CD18 is also a target of Mannheimia (Pasteurella) haemolytica leukotoxin and is sufficient to mediate leukotoxin-mediated cytolysis.
Specificity :The rat monoclonal antibody M18/2 recognizes an extracellular epitope of CD18 antigen (integrin beta2 subunit; beta2 integrin), a 95 kDa type I transmembrane protein expressed on all leukocytes.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-G affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Functional application: Blocking or stimulation.
Flow cytometry: Recommended dilution: 1 Âµg/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.