

### 30-1434: Anti-CD18 / Integrin beta2 subunit Monoclonal Antibody (Clone:M18/2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	M18/2
<b>Application :</b>	FACS, IP, WB, IHC, IHC-Fr, Functional Assay
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Itgb2
<b>Gene ID :</b>	16414
<b>Uniprot ID :</b>	P11835
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Itgb2
<b>Isotype :</b>	Rat IgG2a
<b>Immunogen Information :</b>	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.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Flow Cytometry** *Recommended dilution:* 1  $\mu$ g/ml

**Immunoprecipitation Western Blotting Immunohistochemistry Immunohistochemistry (frozen sections)**

**Functional Application** Blocking or stimulation