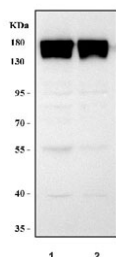


Integrin alpha M Antibody / CD11b (RQ7906)

Catalog No.	Formulation	Size
RQ7906	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P05555
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Integrin alpha M antibody is available for research use only.



Western blot testing of mouse 1) ANA-1 and 2) RAW264.7 cell lysate with Integrin alpha M antibody. Expected molecular weight: 127~170 kDa depending on glycosylation level.

Description

Integrin alpha M (ITGAM) is one protein subunit that forms the heterodimeric integrin alpha-M beta-2 (αMb2) molecule, also known as macrophage-1 antigen (Mac-1) or cluster of differentiation molecule 11B (CD11B). It is mapped to 16p11.2. ITGAM has a role in vascular repair after mechanical arterial injury. It is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. What's more, ITGAM probably recognizes the R-G-D peptide in C3b, and it is also a receptor for fibrinogen, factor X and ICAM1.

Application Notes

Optimal dilution of the Integrin alpha M antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant mouse protein (amino acids F17-L253) was used as the immunogen for the Integrin alpha M antibody.

Storage

After reconstitution, the Integrin alpha M antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.