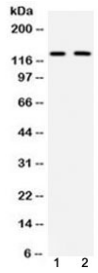
Mouse CD11b Antibody / MAC-1 / ITGAM (R32580)

Catalog No.	Formulation	Size
R32580	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
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P05555
Localization	Cell membrane, cytoplasm
Applications	Western blot: 0.5-1ug/ml
Limitations	This mouse CD11b antibody is available for research use only.



Western blot testing of mouse 1) brain and 2) HEPA lysate with mouse CD11b antibody at 0.5ug/ml. Expected molecular weight: 127~170 kDa due to glycosylation.

Description

Integrin alpha M (ITGAM) is one protein subunit that forms the heterodimeric integrin alpha-M beta-2 (aM/b2) molecule, also known as macrophage-1 antigen (Mac-1) or cluster of differentiation molecule 11b (CD11b). It is mapped to 16p11.2. ITGAM/CD11b 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.

See our CD11b Antibody ITGAM/3338 page for a monoclonal antibody targeting the ITGAM alpha chain.

Application Notes

Optimal dilution of the mouse CD11b antibody should be determined by the researcher.

Immunogen

A mouse recombinant protein corresponding to amino acids E260-T360 was used as the immunogen for the mouse CD11b antibody.

Storage

After reconstitution, the mouse CD11b antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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