

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.

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.