

A23508

Leader in Biomolecular Solutions for Life Science



CD11b/ITGAM Rabbit mAb

Catalog No.: A23508

Recombinant

Basic Information

Observed MW

170kDa

Calculated MW

127kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC2577

Background

This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3684

Swiss Prot

P11215

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6; CD11b/ITGAM

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

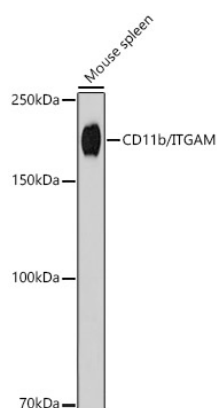
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Mouse spleen, using CD11b/ITGAM Rabbit mAb (A23508) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.