

A19010

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CD11b/ITGAM Rabbit mAb

Catalog No.: A19010

Recombinant

3 Publications

Basic Information

Observed MW

Refer to figures

Calculated MW

127kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,FC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC0414

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

IHC-P 1:50 - 1:200

FC 1:50 - 1:200

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

A synthetic peptide corresponding to a sequence within amino acids 1053-1152 of human CD11b/ITGAM (P11215).

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

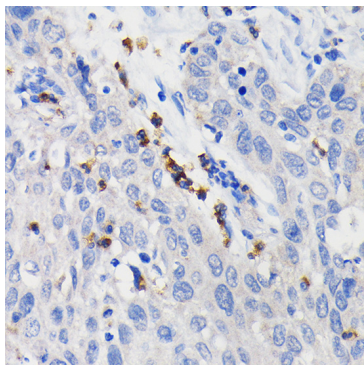
Purification

Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using CD11b/ITGAM Rabbit mAb (A19010) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.