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Anti-Monkey CD11b mAb

Catalog No.: A28750

Basic Information

Observed MW

Calculated MW
127 kDa

Category
Primary antibody

Applications
IHC-P

Cross-Reactivity
Cynomolgus monkey

CloneNo number
ARC5235-01

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	1:500 - 1:2000

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

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey spleen tissue using Anti-Monkey CD11b mAb (A28750) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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