

ITGAM

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 127kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ITGAM

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6;

Catalog #: A1581

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3684

Isotype: IgG

Swiss Prot: P11215

Purity: Affinity purification

For research use only.

Background:

ITGAM, also named as CD11B and CR3A, belongs to the integrin alpha chain family. It is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. ITGAM is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. It is also a receptor for fibrinogen, factor X and ICAM1. ITGAM recognizes P1 and P2 peptides of fibrinogen gamma chain.

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