

## ITGAM

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**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:**

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**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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