

ITGAM Conjugated Antibody

Catalog No: #C38258

Package Size: #C38258-AF350 100ul #C38258-AF405 100ul #C38258-AF488 100ul #C38258-AF555 100ul #C38258-AF594 100ul
#C38258-AF647 100ul #C38258-AF680 100ul #C38258-AF750 100ul #C38258-Biotin 100ul #C38258-Conjugated 50ul

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Description

Product Name	ITGAM Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB, IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total ITGAM antibody.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ITGAM.
Target Name	ITGAM
Other Names	CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6;
Accession No.	Swiss-Prot#: P11215NCBI Gene ID: 3684
SDS-PAGE MW	127kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB: 1:50-1:200

IF: 1:50-1:200

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.