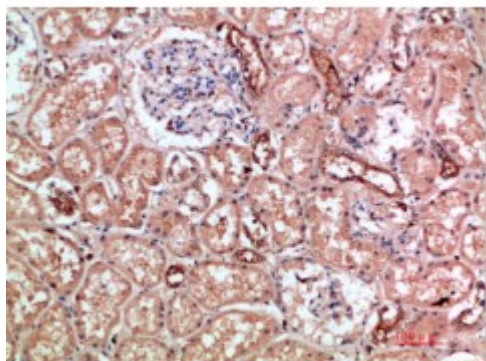


Anti-CD11b antibody



Description	Rabbit polyclonal to CD11b.
Model	STJ98736
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthetic peptide from human CD11b protein.
Immunogen Region	280-360 aa
Gene ID	3684
Gene Symbol	ITGAM
Dilution range	IHC-P 1:50-300ELISA 1:5000-20000
Specificity	The antibody detects endogenous CD11b.
Tissue Specificity	Predominantly expressed in monocytes and granulocytes.
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Integrin alpha-M CD11 antigen-like family member B CR-3 alpha chain Cell surface glycoprotein MAC-1 subunit alpha Leukocyte adhesion receptor MO1 Neutrophil adherence receptor CD antigen CD11b
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6149OMIM:120980
Alternative Names	Integrin alpha-M CD11 antigen-like family member B CR-3 alpha chain Cell surface glycoprotein MAC-1 subunit alpha Leukocyte adhesion receptor MO1 Neutrophil adherence receptor CD antigen CD11b
Function	Integrin alpha-M/beta-2 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. It 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. Integrin alpha-M/beta-2 is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain.
Sequence and Domain Family	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
Cellular Localization	Membrane. Single-pass type I membrane protein.

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