

Product Datasheet

CD11b Antibody

Catalog No: CY5019

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF



Information

UniProt ID: P11215

All Names: CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6; ITGAM

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 170 kDa

Application

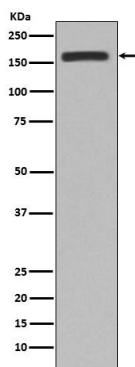
WB: 1:500~1:2000

IHC: 1:50~1:200

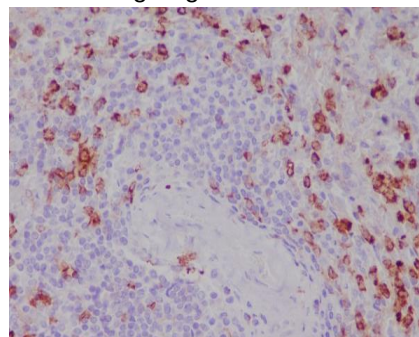
ICC/IF: 1:50~1:200

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.



Western blot analysis of CD11b expression in RAW264.7 cell lysate.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD11b Antibody.

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