

CD11b Recombinant antibody

Cat: B03002L

Company: HaoKebio

Uniprot ID: P05555

Applications: IHC:1:500-1:1000

Organism: Rabbit

IHC-Polymer:1:2000-1:4000

Species reactivity: Mouse Rat

IHC-TSA:1:2500-1:5000

IF:1:50

Background:

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α/β heterodimer with CD18 (integrin β 2). CD11b/CD18 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PMID: 9558116; 20008295). CD11b/CD18 is a receptor for the complement protein fragment iC3b, and is also a receptor for fibrinogen, factor X and ICAM1.

Protein full name:

integrin, alpha M (complement component 3 receptor 3 subunit)

Synonyms:

1C7C2, CD11 antigen-like family member B, Cell surface glycoprotein MAC-1 subunit alpha, CR3 alpha chain, CR-3 alpha chain

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

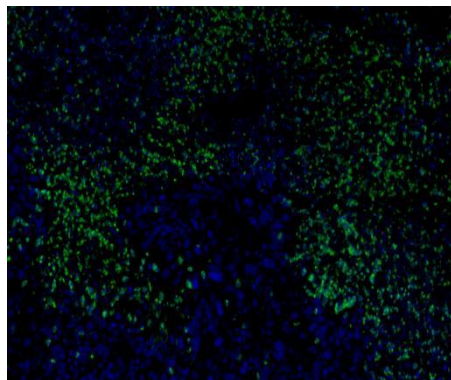
PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Mouse tumor, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:CD11b(B03002L)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD11b(B03002L) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.