

Product datasheet

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ARG59497 anti-CD11c antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes CD11c

Tested Reactivity Hu, Ms, Rat
Tested Application ICC/IF, WB
Host Rabbit
Clonality Polyclonal
Isotype IgG

Target Name CD11c

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 100-350 of Human CD11c (NP_000878.2).

Conjugation Un-conjugated

Alternate Names CD antigen CD11c; Leu M5; CD11C; SLEB6; Integrin alpha-X; Leukocyte adhesion glycoprotein p150,95

alpha chain; Leukocyte adhesion receptor p150,95; CD11 antigen-like family member C

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | ICC/IF | 1:50 - 1:100 |
| | WB | 1:500 - 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Mouse spleen and THP-1 | |
| Observed Size | ~ 150 kDa | |

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol ITGAX

Gene Full Name integrin, alpha X (complement component 3 receptor 4 subunit)

Background This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane

proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, Nov 2013]

Function Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It

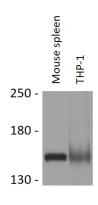
mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte

adhesion and chemotaxis. [UniProt]

Calculated Mw 128 kDa

Cellular Localization Membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG59497 anti-CD11c antibody WB image

Western blot: 25 μg of Mouse spleen and THP-1 cell lysate stained with ARG59497 anti-CD11c antibody at 1:1000 dilution.