

Datasheet for ABIN294215 **anti-CD11c antibody**



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Overview

Quantity:	0.1 mg
Target:	CD11c (ITGAX)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD11c antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Functional Studies (Func)

Product Details

Immunogen:	Recombinant human CD11c. Type of Immunogen: Recombinant protein
Clone:	CBR-p150-4G1
Isotype:	IgG2a
Specificity:	Recognizes human CD11c, otherwise known as integrin alpha X chain and leukocyte adhesion receptor p150,95, a 150kD type I transmembrane protein and member of the integrin alpha chain family, expressed by monocytes, macrophages, granulocytes and NK cells, and is a marker for hairy cell leukaemia cells. CD11c combines with the CD18 beta chain (ITGB2) to form the leukocyte specific integrin CR4, acts as a mediator of leukocyte adherence to endothelium, and binds to the ligands CD54 (ICAM1), iC3b and fibrinogen. Clone CBR-p150/4G1 inhibits the binding of CD11c to endothelial cells. Does not recognize CD11a, CD11b or CD18.

Product Details

Purification: Affinity purified

Target Details

Target: CD11c (ITGAX)

Alternative Name: ITGAX / CD11c ([ITGAX Products](#))

Background: Name/Gene ID: ITGAX
Family: Integrin

Synonyms: ITGAX, CD11c antigen, Integrin alpha-X, Leu M5, alpha subunit, p150 95 integrin alpha chain, SLEB6, CD11C, Leu M5

Gene ID: 3687

UniProt: [P20702](#)

Pathways: [Complement System](#), [Activated T Cell Proliferation](#), [Integrin Complex](#)

Application Details

Application Notes: Approved: Flo, Func, IHC, IHC-Fr (5 - 10 µg/mL), IP

Usage: The applications listed have been tested for the unmodified form of this product. Other forms have not been tested. Flow Cytometry: Use 10 µL of the suggested working dilution to label 1x10⁶ cells in 100 µL. Method sheets are available on request.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS.

Preservative: Azide free

Storage: -20 °C

Storage Comment: Short term: -20°C

Long term: -20°C.