

Product datasheet for **AM05669AF-N**

CD11c (ITGAX) Mouse Monoclonal Antibody [Clone ID: CBR-p150/4G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CBR-p150/4G1
Applications:	FC, FN, IHC
Recommended Dilution:	Flow Cytometry. Immunohistochemistry on frozen sections: 5 - 10µg/ml. Functional Assays.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant human CD11c
Specificity:	This antibody specifically recognises CD11c, otherwise known as integrin alpha X chain and leukocyte adhesion receptor p150,95. Clone CBR-p150/4G1 inhibits the binding of CD11c to endothelial cells. This antibody does not recognise CD11a, CD11b or CD18.
Formulation:	Phosphate buffered saline State: Azide Free State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha X
Database Link:	Entrez Gene 3687 Human P20702



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Background: CD11c is a 150kDa 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.

Synonyms: ITGAX, Integrin alpha-X, Leu M5