

Anti-CD11c/Integrin Alpha X/ITGAX Antibody (Monoclonal, 34I54)

Catalog Number: M00357-3

About Itgax

CD11c, also known as Integrin, alpha X (complement component 3 receptor 4 subunit) (ITGAX), is a gene that encodes for CD11c. 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.

Overview

Product Name	Anti-CD11c/Integrin Alpha X/ITGAX Antibody (Monoclonal, 34I54)
Reactive Species	Mouse
Description	Boster Bio Anti-CD11c/Integrin Alpha X/ITGAX Antibody (Monoclonal, 34I54) catalog # M00357-3. Tested in WB, IHC, IF applications. This antibody reacts with Mouse.
Application	IF, IHC, WB
Clonality	Monoclonal 34I54
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9QXH4

Technical Details

Immunogen	Recombinant protein within mouse CD11c aa 618-934.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-200
Immunofluorescence, 1:50-200

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Anti-CD11c/Integrin Alpha X/ITGAX Antibody (Monoclonal, 34154)

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