

Anti-CD11c/Itgax Antibody Picoband® Biotin Conjugated

Catalog Number: A00357-2-Biotin

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

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| Product Name | Anti-CD11c/Itgax Antibody Picoband® Biotin Conjugated |
| Reactive Species | Mouse |
| Application | WB, IHC, ELISA |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | Q9QXH4 |

Technical Details

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|---------------------|---|
| Immunogen | E.coli-derived mouse CD11c/Itgax recombinant protein (Position: F20-E332). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by |

end users.
ELISA, Optimal dilutions should be determined by end users.

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Anti-CD11c/Itgax Antibody - Biotin

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