

Anti-CD11b [5C6 (recombinant version)] Standard Size Ab00160-24.1

This chimeric goat antibody was made using the variable domain sequences of the original Rat IgG2B format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Goat IgG, Kappa

Clone Number: 5C6 (recombinant version)

Alternative Name(s) of Target: integrin alpha M; CD11 antigen-like family member B; CR-3 alpha chain; Cell surface glycoprotein MAC-1 subunit alpha; Leukocyte adhesion receptor MO1; Neutrophil adherence receptor

UniProt Accession Number of Target Protein: P11215

Published Application(s): IF, IHC-Fr

Published Species Reactivity: Mouse and Human

Immunogen: Fusion of spleen cells from AO rats immunised with Thioglycollate-elicited murine peritoneal macrophages (TPM) and the Y3 rat myeloma line.

Specificity: This antibody specifically recognize CD11b, also known as the integrin alpha M chain (MAC-1), which is a differentiation antigen expressed by granulocytes, monocytes, NK cells and tissue macrophages.

Application Notes:

Antibody First Published in: Rosen H, Gordon S. Monoclonal antibody to the murine type 3 complement receptor inhibits adhesion of myelomonocytic cells in vitro and inflammatory cell recruitment in vivo and can thereby potentiate infection. J Exp Med. 1987 Dec 1;166(6):1685-701. [PMID:2445894](#)

Note on publication: Describes the isolation of 5C6 and analysis of Mg²⁺-dependent macrophage adhesion.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.