

## 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 Mg<sup>2+</sup>-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.