

Anti-CD11b [5C6 (recombinant version)] Standard Size Ab00160-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse 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: Mouse IgG2a, [Fc Silent™](#), 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 muine 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.