

Anti-CD18 [YTS 213.1] Standard Size Ab00203-7.4

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

Isotype and Format: Rat IgG2a, [Fc Silent™](#), Kappa

Clone Number: YTS 213.1

Alternative Name(s) of Target: Integrin beta-2; Cell surface adhesion glycoproteins LFA-1/CR3/p150;95 subunit beta; Complement receptor C3 subunit beta; Itgb2; MAC-1; YTS213; YTS-213

UniProt Accession Number of Target Protein: P11835

Published Application(s): IP, FC, IF, IHC-Fr

Published Species Reactivity: Mouse

Immunogen: Mouse spleen cells.

Specificity: Recognises CD18 beta subunit of LFA-1 family.

Application Notes: This antibody recognizes murine CD18, which together with CD11b forms the complement receptor 3, also called the Macrophage 1 antigen MAC1. This antibody may be used in flow cytometry, IHC, IF and IP. The original rat IgG2a format was not known to block function.

Antibody First Published in: McDole et al. Rapid formation of extended processes and engagement of Theiler's virus-infected neurons by CNS-infiltrating CD8 T cells. Am J Pathol. 2010 Oct;177(4):1823-33.

[PMID:20813972](#)

Note on publication: Describes the use of this antibody in IHC and IF.

Product Form

Size: 200 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.