

Mouse anti-Rat CD11b/c Monoclonal Antibody | anti-CD11b/c antibody

Anti-Rat CD11b/c, Low Endotoxin (Clone OX-42) (Mouse IgG2a)

CATALOG # AAA74227	HOST Mouse	REACTIVITY Rat
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PRODUCT SYNONYMS

CD11b/c; Monoclonal Antibody; Anti-Rat CD11b/c; Low Endotoxin (Clone OX-42) (Mouse IgG2a); anti-CD11b/c antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG2a
Purity/Purification	Purified from ascitic fluid via Protein G Chromatography.
Form/Format	Purified IgG buffered in PBS and 0.02% NaN ₃ . For maximum recovery of contents, spin down tube before use.
Preparation and Storage	Store at 4°C. For long term storage, aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CD11b/c antibody	The anti-rat CD11b/c monoclonal antibody recognizes most macrophages including resident peritoneal macrophages, kupffer cells, but only approximately 35% of alveolar macrophages (2). It also labels dendritic cells extensively, granulocytes and cells with morphology of microglia in the brain. It precipitates three polypeptides of M.W. 160, 103 and 95kDa. OX-42 inhibits complement mediated rosettes and is probably the rat equivalent of the human receptor for iC3b called CR3. The anti-rat CD11b/c mAb should prove useful in the recognition of macrophages and microglia. This clone is reported to work with frozen and paraffin sections (3); in vivo and in vitro functional tests (4, 5, 6); and cryostat sections (5).
References	1) Aihara, N. et al. (1995) J. Neurotrauma. 12:53-63. 2) Robinson, A.P. et al. (1986) Immunology. 57:239-247. 3) Whiteland J.L. et al. (1995) J. Histochem and Cytochem. 43:313-320. 4) Issekutz, A. C. and T.B. Issekutz, (1992) Immunology. 76:655-661. 5) Yamazaki, T. et al. (1993) Am. J. of Pathology. 143:410-418. 6) Tamatani, T. et al. (1991) Eur. J. Immunol. 21:627-633. 7) Joan Y. et al. (2009) Am J Physiol Regul Integr Comp Physiol. 297:R1532-R1545. 8) Zheng Gen Piao et al. (2005) Pain. 121:219-231. 9) Abbadie C. et al. (2003) PNAS. 100:7947-7952. 10) Lee. et al. (2010) Molecular Pain. 6:79. 11) Summy-Long, J.Y. et al. (2008) Journal of Neuroendocrinology. 20:1224-1232.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/cd11b-c-antibody-elisa/74227>