

Anti-Acanthamoeba castellanii [MTAC1] Standard Size Ab01177-21.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

Isotype and Format: Mouse IgM, Kappa

Clone Number: MTAC1

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): FC

Published Species Reactivity: A. culbertsoni, A. lenticulata, A. polyphaga, Acanthamoeba castellanii

Immunogen: This antibody was raised by immunising BALB/c mice with 3×10^6 sonicated A. castellanii trophozoites.

Specificity: This antibody was raised against A. castellanii but also reacts with A. polyphaga AC019 and AC010, A. lenticulata AC230, A. culbertsoni AC001.

Application Notes: This antibody reacts with intact, unfixed A. castellanii AC112 cysts in flow cytometry, but not trophozoites (Turner et al, 2005).

Antibody First Published in: Turner et al. Antigens of selected Acanthamoeba species detected with monoclonal antibodies Int. J. Parasitol. 35 (9), 981-990 (2005) [PMID:15964573](#)

Note on publication: Describes the original generation of this antibody and its characterisation in flow cytometry.

Product Form

Size: 50 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

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.