

Anti-Acanthamoeba castellanii [MTAC4] Standard Size Ab01180-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgM format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: MTAC4

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): FC

Published Species Reactivity: A. polyphaga ;, Acanthamoeba castellanii

Immunogen: The antibody was raised by immunising BALB/c mice with 3×10^6 heat-treated A. castellanii trophozoites.

Specificity: This antibody was raised against A. castellanii but also reacts with A. polyphaga AC010. It reacts weakly with A. polyphaga AC010 and A. lenticulata AC230.

Application Notes: The antibody reacts with intact, unfixed A. castellanii AC112 cysts and trophozoites in flow cytometry (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 the antibody and its characterisation in flow cytometry.

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.