

Anti-Ribosomal P2-beta protein & beta-1 adrenergic receptor [mAb 17.2] Standard Size Ab00432-10.0

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: mAb 17.2

Alternative Name(s) of Target: TcP2beta; ADRB1 ; ADRB1R; B1AR; BETA1AR; RHR

UniProt Accession Number of Target Protein: Q26957

Published Application(s): Blocking, WB, ELISA, FC

Published Species Reactivity: Mouse (B1AR), Rat, T. cruzi (TcP2beta), Human

Immunogen: Recombinant TcP2-beta.

Specificity: The antibody binds to the C-terminal region of T. cruzi ribosomal P2beta (epitope: EEEDDDMGFGLFD) and crossreacts with the human beta-1 adrenergic receptor.

Application Notes: This antibody binds to the carboxyl-terminal end of the ribosomal P2-beta protein of T. cruzi, which is part of the Trypanosome ribosome. The antibody cross-reacts with the human beta-1 adrenergic receptor, acting as an agonist.

Antibody First Published in: Mahler et al. A monoclonal antibody against the immunodominant epitope of the ribosomal P2beta protein of Trypanosoma cruzi interacts with the human beta 1-adrenergic receptor. European Journal of Immunology 2001; 31(7):2210-2216 [PMID:11449375](#)

Note on publication: Describes the generation of murine antibodies against ribosomal P2beta of T. cruzi, showing evidence that it cross-reacts with human beta1-adrenergic receptor.

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.