

Anti-SAG1 [Tox203] Standard Size Ab00444-1.4

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

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

Isotype and Format: Mouse IgG1, Fc Silent™, Kappa

Clone Number: Tox203

Alternative Name(s) of Target: p30 Surface Antigen

UniProt Accession Number of Target Protein: A5HJU1

Published Application(s): Blocking, WB, ELISA

Published Species Reactivity: Toxoplasma gondii

Immunogen: SAG1 from T. gondii.

Specificity: This antibody binds to SAG1 with a K_d of 3.09 nM.

Application Notes: This antibody binds to, and neutralizes, SAG1 from T. gondii, a GPI-linked protein mediating cell adhesion to the host cell. It also recognizes heparin sulphate proteoglycans.

Antibody First Published in: Fu et al. Generation of a neutralizing human monoclonal antibody Fab fragment against surface antigen 1 of Toxoplasma gondii tachyzoites. Infection and Immunology 2011; 79(1):512-517 [PMID:20956568](#)

Note on publication: Describes the generation and selection of monoclonal Fabs against T. gondii antigen 1 and testing of their neutralizing activities.

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.