

## Anti-SAG1 [Tox203] Standard Size Ab00444-1.1

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, 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 kd 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.