

Anti-Tetanus toxin [G6] Standard Size Ab01213-10.3

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

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

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

Clone Number: G6

Alternative Name(s) of Target: STeNT; pasmogenic toxin; Tentoxylisin

UniProt Accession Number of Target Protein: P04958

Published Application(s): ELISA

Published Species Reactivity: Tetanus

Immunogen: Peripheral lymphocytes from humans hyperimmunized with tetanus toxoid were fused with a mouse/human heteromyeloma.

Specificity: G6 recognises the middle domain of the Tetanus toxin.

Application Notes: G6 has a neutralising activity of 1.4 IU/100 µg IgG (Kamei et al, 1990). From ELISA the K_a of G6 for tetanus toxin was determined as $10 \times 10^{10} \text{ M}^{-1}$ (Matsuda et al, 1992).

Antibody First Published in: Kamei et al, 1990. Establishment of stable mouse/human-human hybrid cell lines producing large amounts of anti-tetanus human monoclonal antibodies with high neutralizing activity Eur J Epidemiol. 1990 Dec;6(4):386-97. [PMID:2091939](#)

Note on publication: Describes the original production of the antibody.

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.