Clostridium tetani Toxoid (10.D6) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 250420
Unit: 0.1 mg

Description:
Clostridium tetani is a Gram-positive, motile bacterium found in soil and animal feces. Toxigenic strains of C. tetani contain a plasmid encoding the potent exotoxin which causes tetanus (lockjaw). The toxin is synthesized as a single 150 kDa protein chain which is cleaved ("nicked") into a 100 kDa heavy chain (fragment B) and a 50 kDa light chain (fragment A) connected by a disulfide bridge. Tetanus toxoid is produced by prolonged incubation of the toxin with formaldehyde and lysine, and is often used as a carrier for compounds of poor immunogenicity. This antibody binds to both tetanus toxin and tetanus toxoid.

Isotype: Mouse IgG1/k
Applications: E
Species Reactivity: Tt, Bact
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.
Alternate Names: Tentoxylysin; tetanus toxin; tetX
Accession No.: P04958

Antigen: Tetanus toxoid adsorbed to aluminum hydroxide gel
Application Notes: Product Cat. No. 250420 does not neutralize tetanus toxin efficiently enough to protect mice in the in-vivo test of tetanus antitoxin activity. E: 1:16,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.