

## OriGene Technologies Inc.

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## Monoclonal Antibody to E. coli Shiga-like Toxin 1 (SLT-1, STX-1) - Purified

Catalog No.: AM00729PU-N

Quantity: 1 mg

**Isotype Controls:** 

**Concentration:** 1,0 mg/ml (prior to lyophilization)

Host / Isotype: Mouse / IgG1 Recommended AM03095PU-N

**Clone:** 286-11939

Immunogen: SLT Toxin from E. coli O157:H7

Format: State: Lyophilized purified IgG

**Buffer System:** Lyophilized from 0.01M PBS, pH 7.2 **Reconstitution:** Restore with 1ml distilled water.

Applications: ELISA: capture antibody at 20µg/ml, detection antibody at 1µg/ml.

Western Blot: 1 µg/ml.
Toxin neutralization: 1 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

Specificity: This antibody reacts to E. coli Shiga-Like Toxin Type 1 (SLT-1, STX-1) alpha and beta

subunits. Reacts with alpha, alpha-1 and beta subunits of SLT-1 (STX-1). Also reacts with alpha and alpha-1 subunits of SLT-2 (STX-2). Neutralized Vero cells toxicity of E. coli

O157:H7 extracts.

**Storage:** Prior to reconstitution store at 2-8°C.

Following reconstitution store the antibody undiluted at 2-8°C for two weeks

or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.