

## ***Salmonella typhimurium* Monoclonal Antibody**

### **ORDERING INFORMATION**

<b>Catalog no.</b>	<b>Clone No.</b>	<b>MAB Subtype</b>	<b>Size</b>
18926	1E6	IgG1	200ug

**Format:** Protein G-purified antibody in PBS, pH 7.4, 0.09% sodium azide.

### **BACKGROUND**

*Salmonella typhimurium* (*Salmonella enterica* serovar *typhimurium*) is a food-borne pathogen which infects the GI tract where it competes with normal flora for nutrients in order to establish infection. *S. typhimurium* uses multiple defense mechanisms to resist environmental factors (like the acidic pH of the stomach) and virulence mechanisms which allow it to invade the intestinal epithelium and disseminate throughout the host.

### **SPECIFICATION SUMMARY**

**Antigen:** *S. typhimurium* LPS.

**Host Species:** Mouse

**Specificity:** This antibody recognizes *S. typhimurium* LPS.

### **APPLICATIONS**

**ELISA:** Endusers should determine optimal antibody concentrations relative to their preparations of bacterial cells or purified LPS.

### **DILUTION INSTRUCTIONS**

Dilute in PBS or medium that is compatible with the assay system.

### **STORAGE AND STABILITY**

Store product at 4°C.

*For in vitro investigational use only. Not intended for use in therapeutic or diagnostic procedures.*