



# Anti-Listeriolysin O Affinity Purified polyclonal antibody (DPAB7993)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to LLO; Rabbit polyclonal Anti- Listeriolysin O antibody. Listeriolysin O (LLO), a major virulence factor produced by all pathogenic strains of <i>L. monocytogenes</i> has been identified as a candidate antigen for a serological assay. Anti-LLO antibody detects the wild type Listeriolysin protein.
<b>Specificity</b>	Listeriolysin O protein
<b>Immunogen</b>	Recombinant Listeriolysin protein expressed in <i>E.coli</i>
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP, WB, ELISA
<b>Format</b>	Lyophilized; Stabilized with 0,05% glycerol
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Store product at -20°C until open. Reconstitute with 250µl of distilled water. For long-term storage, freeze reconstituted product in small aliquots. Avoid repeated freezing and thawing cycles.

## BACKGROUND

**Introduction**

*Listeria monocytogenes*, a facultative anaerobe, intracellular bacterium, is the causative agent of listeriosis. It is one of the most virulent foodborne pathogens, with 20 to 30 percent of clinical infections resulting in death. Responsible for approximately 2,500 illnesses and 500 deaths in the United States (U.S.) annually, listeriosis is the leading cause of death among foodborne bacterial pathogens, with fatality rates exceeding even *Salmonella* and *Clostridium botulinum*.

**Keywords**

*Listeria monocytogenes*; *L.monocytogenes*; Listeriolysin O affinity purified; hly; hlyA; lisA; LLO; Thiol activated cytolysin