

Polyclonal Antibody to Clostridium (genus specific) - Purified

Catalog No.:	AP05953PU-N
Quantity:	1 ml
Concentration:	4-5 mg/ml
Background:	<p>Clostridia are toxin-producing anaerobic bacteria that cause a number of serious diseases, including tetanus, botulism, and tissue infections. Clostridia normally inhabit the human intestinal tract, soil, and decaying vegetation. All species of clostridia produce toxins. Some clostridial diseases, such as botulism and the various diarrheal illnesses, result solely from the toxin without any bacterial invasion of tissue. In other clostridial diseases, such as tetanus and clostridial wound infections, there is both tissue invasion and toxin production.</p>
Host / Isotype:	Rabbit / IgG
Immunogen:	Extract of <i>Cl. perfringens</i> , <i>Cl. sordellii</i> , <i>Cl. novyi</i> , <i>Cl. septicum</i> , <i>Cl. chauvoei</i>
Format:	<p>State: Liquid purified Ig fraction. Buffer System: Phosphate buffered saline, pH 7.2 containing 0.09% Sodium Azide as preservative.</p>
Applications:	<p>Immunofluorescence: 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	This antibody is specific for <i>Clostridium sp.</i> The protein will react with <i>Cl. perfringens</i> , <i>Cl. sordellii</i> , <i>Cl. novyi</i> , <i>Cl. septicum</i> , <i>Cl. chauvoei</i>
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.</p>