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Datasheet for ABIN110907 **anti-Salmonella Enteritidis antibody**

Overview

Quantity:	0.2 mg
Target:	Salmonella Enteritidis
Reactivity:	Salmonella enteritidis
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Salmonella Enteritidis antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Immunofluorescence (IF)

Product Details

Immunogen:	Native Salmonella enteritidis (NCTC 5188 9.12:g,m)
Clone:	100-358
Isotype:	IgG2a
Purification:	Affinity Chromatography on Protein A.

Target Details

Target:	Salmonella Enteritidis
Abstract:	Salmonella Enteritidis Products
Target Type:	Bacteria
Background:	The genus Salmonella is a member of the family Enterobacteriaceae. The genus is composed of Gram-negative bacilli that are facultative and flagellated (motile). Salmonellae possess 3

Target Details

major antigens, the "H" or flagellar antigen (phase 1 & 2), the "O" or somatic antigen (part of the LPS moiety) and the "Vi" or capsular antigen (referred to as "K" in other Enterobacteriaceae). Salmonellae also possess the LPS endotoxin characteristic of Gram-negative bacteria. This LPS is composed of an "O" polysaccharide ("O" antigen) an "R" core and the endotoxic inner "Lipid A". Endotoxins evoke fever and can activate complement, kinin and clotting factors. The commonest Salmonella serotype associated with food borne infections in humans is Salmonella enteritidis and in particular phage type 4 (PT4). Salmonella Enteritidis bacteria may be found in the intestinal tracts of livestock, poultry, Dogs, Cats and other warm-blooded animals. This strain is only one of about 2,000 kinds of Salmonella bacteria, it is often associated with poultry and eggs.

Application Details

Application Notes: ELISA. Immunofluorescence.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS buffer containing 0.09 % Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.