

Product datasheet

Anti-Streptococcus Group B III antibody ab78838

Overview

Product name	Anti-Streptococcus Group B III antibody
Description	Rabbit polyclonal to Streptococcus Group B III
Host species	Rabbit
Tested applications	Suitable for: Agglutination
Species reactivity	Reacts with Streptococcus Group B III
Immunogen	Tissue/ cell preparation of Streptococcus Group B III (heat inactivated)
Positive control	Antigenic suspension
General notes	Reagents should be allowed to stand at 15°C - 25°C for at least 30 minutes prior to use.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.08% Sodium Azide Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab78838** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Agglutination		Use at an assay dependent concentration. See attached protocol.

Relevance

Streptococcus is a genus of spherical, Gram-positive bacteria of the phylum Firmicutes. Streptococcus agalactiae is a gram-positive streptococcus characterized by the presence of Group B Lancefield antigen, and so takes the name Group B Streptococcus. Infection with Group B Streptococcus (GBS), also known as Streptococcus agalactiae and more colloquially as Strep B and group B Strep, can cause serious illness and sometimes death, especially in newborn infants, the elderly, and patients with compromised immune systems. Group B streptococci are also prominent veterinary pathogens, because they can cause bovine mastitis (inflammation of the udder) in dairy cows. The species name "agalactiae" meaning "no milk", alludes to this.

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