Product datasheet

anti-Klebsiella aerogens K15 mouse monoclonal, EBS-I-101, purified

Short overview

Cat. No.	691643
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG3 kappa
Clone	EBS-I-101
Immunogen	Klebsiella aerogenes K15 purified polysaccharide
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, ICC/IF, IHC
Reactivity	K. aerogenes K15

Applications

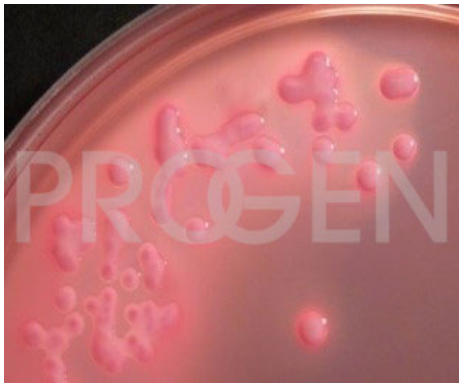
ELISA	Assay dependent
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

Klebsiella refers to a genus of extremely common, non-motile, Gram-negative bacteria that are encased by a prominent polysaccharide-based capsule and are capable of lactose fermentation and nitrogen fixation under anaerobic conditions. Occurring naturally in soil and in the normal flora of the skin, mouth and intestines, Klebsiella bacteria can cause a wide range of diseases, including soft tissue infections, septicemia, urinary tract infections and, most notably, pneumonia. Klebsiella exists as dozens of different serologically classified strains, which differ in their capsule composition. Klebsiella K15 is one of the many serotypes of Klebsiella bacteria. EBS-I-101 is specific for Klebsiella aerogenes K15 polysaccharide and only reacts with Klebsiella capsular serotype 15 (K15) NCTC 9135.

Positive control: Klebsiella species capsular serotype 15 (K15) NCTC 9135.

Product images



MacConkey agar with Klebsiella aerogenes