

Product datasheet

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

Short overview

Cat. No. 691643

Quantity1 ml (100 μ g/ml)Concentration100 μ g/ml

Product description

HostMouseAntibody TypeMonoclonalIsotypeIgG3 kappaCloneEBS-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 useResearch use onlyApplicationELISA, ICC/IF, IHCReactivityK. aerogenes K15

Applications

ELISA Assay dependent

Immunocytochemistry (ICC)1:100-1:200 (0.5-1.0 μg/ml)Immunohistochemistry (IHC) - frozen1:50-1:100 (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