

## Product datasheet

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

#### Short overview

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

#### Product description

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

#### Applications

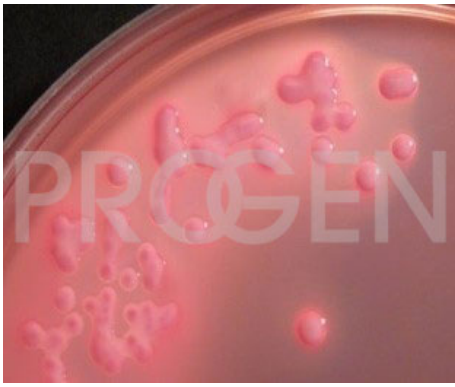
<b>ELISA</b>	Assay dependent
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)

#### 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*