

Product datasheet

Anti-Listeria monocytogenes hly antibody [3] ab81141

1 Image

Overview

Product name	Anti-Listeria monocytogenes hly antibody [3]
Description	Mouse monoclonal [3] to Listeria monocytogenes hly
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with Recombinant Fragment. Predicted to react with Listeria monocytogenes.
Immunogen	Recombinant fragment: QTEAKDASAF NKENSISMA PPASPPASPK TPIEKKHADE IDKYQGLD YNKNNVLVYH GDAVTNVPPR KGYKDGNEYI VVEKKKKSIN QNNADIQVVN, corresponding to amino acids 20-119 of Listeria monocytogenes hly, expressed in E.coli. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Recombinant Listeria monocytogenes hly antigen.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Proclin Constituents: Tris HCl, Sodium citrate, pH 7.0
Purity	Protein A purified
Clonality	Monoclonal
Clone number	3
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab81141** 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
ELISA		
WB		

Application notes

ELISA: Use at an assay dependent dilution.
WB: 1/1000. Predicted molecular weight: 59 kDa.

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Not yet tested in other applications.

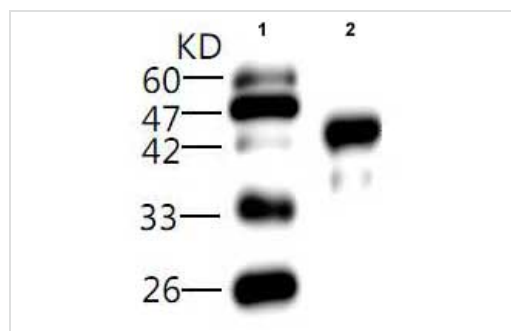
Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

Listeria monocytogenes is a Gram-positive bacterium, in the division Firmicutes and is the causative agent of Listeriosis. Listeria monocytogenes hly is a sulfhydryl-activated toxin and is able to lyse cholesterol containing membranes. It can be reversibly inactivated by oxidation. Cholesterol is the receptor for the binding of these toxins to eukaryotic cell membranes.

Images



Western blot - Listeria monocytogenes hly antibody [3] (ab81141)

All lanes : Anti-Listeria monocytogenes hly antibody [3] (ab81141) at 1/1000 dilution

Lane 1 : Molecular weight marker

Lane 2 : Recombinant Listeria monocytogenes hly antigen

Predicted band size : 59 kDa

Observed band size : 45 kDa

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