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# 12-8235: Anti-Listeria monocytogenes, p60 (LMON-3471)

**Clonality :** Monoclonal
**Clone Name :** LMON-3471
**Application :** ELISA
**Isotype :** Mouse IgG2b

## Description

Specificity: Anti-Listeria monocytogenes (Clone LMON-3471) is specific for the secreted p60 protein of L. monocytogenes.
Background: Listeria is a genus of Gram-positive, rod-shaped bacteria that includes the species Listeria monocytogenes, the primary pathogenic member responsible for causing listeriosis in humans. Unlike many other bacteria, Listeria is capable of growing and reproducing in a wide range of environments, including both refrigerated and room temperatures. This adaptability contributes to its potential for contaminating various foods, leading to foodborne outbreaks. Listeria monocytogenes is known for its ability to survive and replicate within host cells, enabling it to cross intestinal and placental barriers, resulting in diverse clinical manifestations. While healthy individuals might experience mild or no symptoms, listeriosis can lead to severe illness in vulnerable populations, such as pregnant women, newborns, the elderly, and immunocompromised individuals1. p60, is a murein hydrolase that is an essential virulence factor for Listeria. It is secreted in large quantities and is involved in the invasion of host cells2.

## Product Info

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| **Amount :** | 250µg |
| **Purification :** | Purity: ≥90%<br>Preparation: This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations. |
| **Content :** | Concentration: ≥1.0 mg/ml<br>Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration. |
| **Storage condition :** | This purified antibody is stable when stored at 2-8°C. Do not freeze. |

## Application Note

ELISA: 1:20-1:200