

Datasheet for ABIN1108692 **anti-Polymyxin B antibody**



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Overview

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| Quantity: | 0.2 mg |
| Target: | Polymyxin B |
| Reactivity: | Bacillus polymyxa |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Polymyxin B antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

Product Details

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| Clone: | 45 |
| Isotype: | IgM |
| Endotoxin Level: | Low Endotoxin |

Target Details

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| Target: | Polymyxin B |
| Abstract: | Polymyxin B Products |
| Background: | The peptide antibiotic Polymyxin B (PMB) binds to bacterial endotoxin (lipopolysaccharide, LPS). The interaction of PMB with LPS involves ionic forces between amino groups in PMB and negatively charged phosphate and carboxyl groups in the lipid A-Kdo region. PMB has relevance for endotoxin research in at least two ways: first, PMB reacts with LPS of many species regardless of varied serospecificity, and thus it can be used as a general probe for measuring or |

Target Details

detecting LPS or lipid A. Second, binding of PMB to LPS may result in neutralization of the detrimental effects of LPS either in vitro or in vivo.

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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| Concentration: | > 0.2 mg/mL |
| Buffer: | 0.02 % Sodium Azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |