



Anti-Hygromycin monoclonal antibody, clone P145D145 (DMAB9696)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Monoclonal Antibody to Hygromycin |
| Specificity | Recognizes hygromycin resistance gene. |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | N/A |
| Clone | P145D145 |
| Conjugate | Unconjugated |
| Applications | ELISA, LFIA |
| Size | 1 mg |
| Preservative | None |
| Storage | Store at 2-8°C. The product is stable in the unopened vial until the expiry date given. For long-term storage, freeze at -20°C. Avoid repetitive freezing and thawing. |
| Warnings | Intended for laboratory and manufacturing use only. Not for drug, food or household use. Standard laboratory practices should be followed when handling. |

BACKGROUND

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| Introduction | Hygromycin B is an antibiotic produced by the bacterium <i>Streptomyces hygroscopicus</i> . It is an aminoglycoside that kills bacteria, fungi and higher eukaryotic cells by inhibiting protein synthesis. |
| Keywords | hygromycin A; 5-Deoxy-5-[[[(2E)-3-[4-[(6-deoxy-β-D-arabino-5-hexosulofuranosyl)oxy]-3-hydroxyphenyl]-2-methyl-1-oxo-2; propenyl]amino]-1-O,2-O-methylene-D-neo-inositol]; Antibiotic WS-1627B; Homomycin; Hygromycin |