



Magic™ Mouse Anti-CP4 EPSPS monoclonal antibody, clone 4H655 (CABT-RM067)

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

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Specificity | Recognizes CP4 EPSPS. |
| Target | CP4 EPSPS |
| Immunogen | CP4 EPSPS |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | A. tumefaciens CP4 |
| Clone | 4H655 |
| Purification | Ion-exchange purified>95% |
| Conjugate | unconjugated |
| Applications | ELISA (Cap), LFIA |
| Format | Liquid |
| 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. |

BACKGROUND

Introduction

5-enolpyruvyl-shikimate-3-phosphate Synthase (EPSPS) is a key enzyme in the shikimic acid pathway, which can catalyze the generation of EPSP from PEP and SP3 and provide a precursor for the synthesis of aromatic amino acids. This enzyme is widely found in microorganisms and higher plants, and is a target enzyme of the broad-spectrum herbicide glyphosate.

Keywords

CP4 EPSPS; CP4; EPSPS