

3-Phosphoshikimate 1-Carboxyvinyltransferase (CP4-EPSPS) Antibody

Catalogue No.: abx023696

CP4-EPSPS Antibody is a Mouse Monoclonal antibody for the detection of CP4 5-enolpyruvylshikimate-3-phosphate synthase (CP4-EPSPS).

For a sandwich immunoassay, it is recommended to use [abx023697](#) as the capture antibody and abx023696 (this product) as the detection antibody.

Target:	3-Phosphoshikimate 1-Carboxyvinyltransferase (CP4-EPSPS)
Clonality:	Monoclonal
Clone:	Q349
Reactivity:	Bacteria, Plant
Tested Applications:	ELISA, WB, LF
Host:	Mouse
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant EPSPS from Agrobacterium species Strain CP4.
Isotype:	IgG ₁
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified from ascites by Protein A chromatography.
Storage:	Store between 2-8 °C for up to 7 days. For long-term storage, aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9R4E4 (UniProt , ExPASy)
Buffer:	10 mM PBS, pH 8.0, containing 50 mM NaCl and 0.1% NaN ₃ .
Concentration:	4.6 mg/ml

Datasheet

Version: 3.0.0

Revision date: 05 Sep 2025



Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Directions for use: Centrifuge before opening to ensure complete recovery of vial contents.

For Reference Only