

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: F01257M **Lot #:** 5E15020

Description: MAb to G2 EPSPS
Monoclonal Antibody to G2 enolpyruvylshikimate-3-phosphate synthase (G2 EPSPS).

Specificity: G2 enolpyruvylshikimate-3-phosphate synthase.
No cross reactivity with CP4 EPSPS.

Host Animal: Mouse **Isotype:** IgG₁

Immunogen: Recombinant enolpyruvylshikimate-3-phosphate synthase from *Pseudomonas fluorescens* G2 strain.

Source: Ascites

Format: Purified, Liquid

Purification: ≥ 95% pure (SDS-PAGE). Protein A Chromatography

Concentration: 5.0 mg/mL (OD280nm, E^{1%} = 1.3)

Buffer: 20 mM Phosphate Buffered Saline, 50 mM Sodium Chloride, pH 7.4.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA, Lateral Flow and Western Blot assays. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended antibody pair for ELISA and Lateral Flow sandwich assays:

<u>Capture</u>	<u>Detection</u>
F01257M	F01256M

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Notes(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



11 JUN 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY