



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: G01309M **Lot #:** 34K33417

Description: MAb to AB-Pinaca
Monoclonal Antibody to AB-Pinaca

Specificity: Cross Reactivity in ELISA:

UR-144	0.3%
UR-144 5-Hydroxypentyl Metabolite	0.1%
UR-144 5-Pentanoic Acid Metabolite	0.3%
UR-144 4-Hydroxypentyl Metabolite	0.3%
AB-Pinaca	100%
AB-Pinaca 4-Hydroxypentyl Metabolite	100%
AB-Pinaca 5-Hydroxypentyl Metabolite	100%
AB-Pinaca 5-Pentanoic Acid Metabolite	95%
A-Pinaca (AKB-48)	1%
A-Pinaca (AKB-48) 5-Hydroxypentyl Metabolite	1%

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Pinaca-BSA

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Ion Exchange Chromatography

Concentration: 9.0 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 0.015 M Potassium Phosphate, 0.85% Sodium Chloride, pH 7.2.

Preservative: 0.05% Sodium Azide

Applications: Suitable for use in ELISA and Lateral Flow 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 antigen-antibody pair:

<u>Antigen</u>	<u>Antibody</u>
Y01309B	G01309M

Storage: Upon receipt, store at 2-8°C.

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

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY