

**Anti-GLYCEROL KINASE (Cellulomonas species) (GOAT) Antibody**  
**Glycerol Kinase Antibody**  
**Catalog # ASR3924****Specification****Anti-GLYCEROL KINASE (Cellulomonas species) (GOAT) Antibody - Product Information**

Host	Goat
Conjugate	Unconjugated
Target Species	Cellulomonas
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Glycerol Kinase Antibody has been tested by ELISA and western blot. This product is assayed against 1.0 µg of Glycerol Kinase [Cellulomonas species] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Rabbit) code #605-4302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:18,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Glycerol Kinase [Cellulomonas species]
Reconstitution Volume	100 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Preservative	0.01% (w/v) Sodium Azide

**Anti-GLYCEROL KINASE (Cellulomonas species) (GOAT) Antibody - Additional Information****Other Names**

6960048

**Purity**

Anti-Glycerol Kinase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum as well as purified and partially purified Glycerol Kinase [Cellulomonas species]. Cross reactivity against Glycerol Kinase from other sources is unknown.

**Storage Condition**

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted

liquid. Dilute only prior to immediate use.

**Precautions Note**

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

**Anti-GLYCEROL KINASE (Cellulomonas species) (GOAT) Antibody - Protein Information****Anti-GLYCEROL KINASE (Cellulomonas species) (GOAT) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-GLYCEROL KINASE (Cellulomonas species) (GOAT) Antibody - Images****Anti-GLYCEROL KINASE (Cellulomonas species) (GOAT) Antibody - Background**

Glycerol Kinase is the key enzyme in the regulation of glycerol uptake and metabolism. It catalyzes the phosphorylation of glycerol to yield sn-glycerol 3-phosphate. It is inhibited by fructose 1,6-bisphosphate (FBP). This protein is involved in step 1 of the subpathway that synthesizes sn-glycerol 3-phosphate from glycerol.