

Anti-URICASE (Bacillus species) (GOAT) Antibody Biotin Conjugated
Anti-Uricase Antibody Biotin Conjugated
Catalog # ASR4016

Specification

Anti-URICASE (Bacillus species) (GOAT) Antibody Biotin Conjugated - Product Information

Host	Goat
Conjugate	Biotin
Target Species	Bacillus
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-Uricase Antibody has been tested by ELISA and western blot. This product is suitable to be assayed against 1.0 ug of Uricase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethyl benthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:53,000 of the reconstitution concentration is suggested for Anti-Uricase Antibody.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Uricase [Bacillus species]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

Anti-URICASE (Bacillus species) (GOAT) Antibody Biotin Conjugated - Additional Information

Other Names
3202700

Purity

Anti-Uricase Antibody 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-Biotin, anti-Goat Serum as well as purified and partially purified Uricase [Bacillus species]. Cross reactivity against Uricase 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.

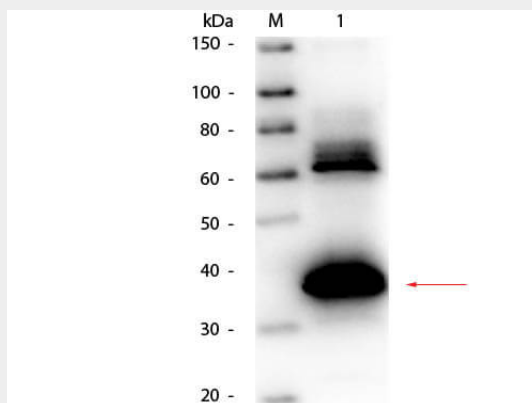
Anti-URICASE (Bacillus species) (GOAT) Antibody Biotin Conjugated - Protein Information

Anti-URICASE (Bacillus species) (GOAT) Antibody Biotin Conjugated - 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-URICASE (Bacillus species) (GOAT) Antibody Biotin Conjugated - Images



Western Blot of Goat anti-Uricase Antibody (Bacillus Species) Biotin Conjugated. Lane 1: Uricase (Bacillus). Load: 50 ng per lane. Primary antibody: Goat anti-Uricase Antibody (Bacillus Species) Biotin Conjugated at 1:1,000 overnight at 4°C. Secondary antibody: HRP streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 39 kDa, 39 kDa for Uricase.

Anti-URICASE (Bacillus species) (GOAT) Antibody Biotin Conjugated - Background

Uricase is a peroxisomal enzyme that catalyzes the conversion of urea to allantoin. Uricase performs this action by cleaving the purine ring of uric acid rendering it much more soluble within the body for excretion. Uricase within the Bacillus species is of high importance due to its high activity and thermostability over a wide range of pH's.

Anti-Uricase Antibody is ideal for investigators in Cell Biology and Microbiology research.