

**Anti-BILIRUBIN OXIDASE (Myrothecium verrucaria) (GOAT) Antibody Biotin Conjugated  
Bilirubin Oxidase Antibody Biotin Conjugated  
Catalog # ASR4039**

**Specification**

**Anti-BILIRUBIN OXIDASE (Myrothecium verrucaria) (GOAT) Antibody Biotin Conjugated -  
Product Information**

Host	Goat
Conjugate	Biotin
Target Species	Myrothecium verrucaria
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application Note	Anti-Bilirubin Oxidase has been tested by western blot and is suitable to be assayed against 1.0 ug of Bilirubin Oxidase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 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 1:1,000 to 1:3,000 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	Bilirubin Oxidase [Myrothecium verrucaria]
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

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Additional Information**

**Purity**

Anti-Bilirubin Oxidase 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 Bilirubin Oxidase [Myrothecium verrucaria]. Cross reactivity against Bilirubin Oxidase 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-BILIRUBIN OXIDASE (*Myrothecium verrucaria*) (GOAT) Antibody Biotin Conjugated - Protein Information

**Name** BLRO

#### Function

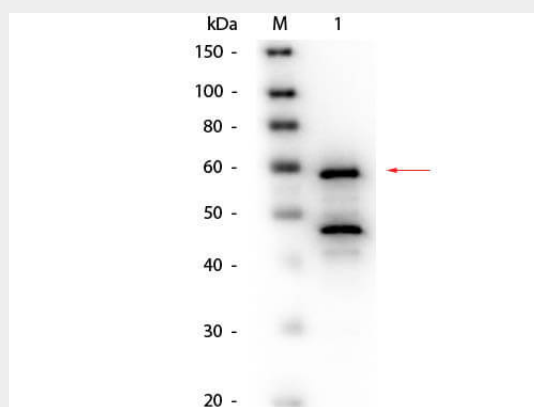
Oxidation of bilirubin and other tetrapyrroles.

### Anti-BILIRUBIN OXIDASE (*Myrothecium verrucaria*) (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-BILIRUBIN OXIDASE (*Myrothecium verrucaria*) (GOAT) Antibody Biotin Conjugated - Images



Western Blot of Goat anti-Bilirubin Oxidase (*Myrothecium verrucaria*) Antibody Biotin Conjugated. Lane 1: Bilirubin Oxidase (*Myrothecium verrucaria*). Load: 50 ng per lane. Primary antibody: Goat anti-Bilirubin Oxidase (*Myrothecium verrucaria*) Antibody Biotin Conjugated at 1:1,000 overnight at 4°C. Secondary antibody: HRP Streptavidin (p/n S000-03) 1:40,000 in MB-070 for 30 min at RT. Block: MB-070 for 30 minutes at RT. Predicted/Observed size: 64 kDa, 60 kDa for Bilirubin Oxidase. Other band(s): Bilirubin Oxidase splice variants and isoforms.

### Anti-BILIRUBIN OXIDASE (*Myrothecium verrucaria*) (GOAT) Antibody Biotin Conjugated - Background

Anti-Bilirubin Oxidase antibody is an enzyme that increases the oxidation rate of bilirubin to biliverdin and other substrates. It is ideal for investigators interested in Metabolism or Signal Transduction research.