ImmunoBioScience Corp. (IBSC) **Data Sheet**

**Peroxidase conjugated Anti-Mouse IgG (Fc γ chain specific), Affinity pure Goat anti- (Minimum cross reactivity with bovine, horse and human serum proteins)**

**Catalog number:**  **SA-8502-12**

**Description:** This affinity pure anti-mouse IgG was purified from healthy goat immunized with purified mouse IgG (Fc γ chain specific).The immunized serum was delipidated and heat inactivated at 56ºC before affinity purification. The purified IgG was treated with pH 2.8 for at least 30 minutes.

Peroxidase is a glycoprotein enzyme (MW 44 KDa) isolated from horseradish roots.

This enzyme has a hemin prosthetic group and is bound to Ca++. Activity is reported using pyrogallol as substrate. Using 2,2´-azino-bis (3-ethylbenzthiazoline-6-sulfonic acid (ABTS). The RZ (Reinheitszahl) is absorbance ratio A430/A275 and is ~3.0

**Size:** 1 ml

**Antibody Concentration:** One mg of antibody is conjugated with approximately 3.5 mg of Peroxidase.

Immunohistochemistry (IHC) Immunocytchemistry (ICC), ELISA, and

Western blotting (WB)

**Storage: Storage**: 2-8°C

**Buffer:** 10 mM phosphate, 150 mM NaCl, pH 7.4, BSA 10 mg/ml, Proclin 300, 05%.

**Recommended Dilution:** ELISA 1:50,000-1:800,000

IHC, ICC 1:500-1:5,000

WB using chromogen substrate 1:50,000-1:800,000

WB using ECL substrates 1:100,000-1:1:1,000,000

**Caution: Peroxidase reagents are destroyed by sodium azide and should be avoided in all buffers and regents.**

**Immunogen:** Purified Mouse IgG (Fc γ chain specific)

**Recommended Dilution:** Should be determined by the individual lab**.**

**Immunogen:** Purified mouse IgG Fc*γ fragment*

**Antibody specificity:** The antibody is purified on immunoaffinity mouse IgG column. Using ELISA, this antibody reacts with mouse serum and heavy **γ** chains of mouse IgG. This antibody does not react with mouse IgG, F (ab)’2 fragments. This antibody has minimum cross reactivity with bovine, horse and human serum proteins. Cross reactivity to other serum proteins has not been determined.

**Limitation and warranty:** Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

**MSDS:**  Avoid skin and eye contact with all laboratory products. Use appropriate laboratory gear, lab coat , gloves and safety glasses. Do not ingest any laboratory products. This product is not approved for administration in human or animals.

.

---------------------------------------------------------------------------------------------------------------------------------

**For research use only; not for use in diagnostic procedures. FOR IN VITRO LABORATORY USE ONLY**

**“*In vitro* laboratory products for research”**

Phone: + 1 425 367 4601; Fax: + 1 425 367 4817; cell (mobile) phone: + 1 425 314 0199

Marketing phone: + 1 650 343 IBSC (4272); e-mail:anitaIBSC@aol.com

Web site: [www.immunobioscience.com](http://www.immunobiosci.com); E-mail: [baderbo@gmail.com](mailto:baderbo@gmail.com)

PRODUCT OF USA