



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### Goat Anti-Mouse IgG F(c) secondary antibody (HRP)

**Catalog Number:** PAB31797

**Regulatory Status:** For research use only (RUO)

**Product Description:** Goat polyclonal antibody raised against mouse IgG F(c) fragment. This secondary antibody generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of mouse IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity. The antibody is conjugated with Horseradish Peroxidase (HRP).

**Immunogen:** Mouse IgG F(c) fragment.

**Host:** Goat

**Reactivity:** Mouse

**Applications:** ELISA, IHC, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** IgG F(c). Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-goat serum, mouse IgG, mouse IgG F(c) and mouse serum. No reaction was observed against mouse IgG F(ab).

**Form:** Lyophilized

**Conjugation:** HRP

**Purification:** This product 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 below.

**Recommend Usage:** ELISA (1:10000-1:50000)

Immunohistochemistry (1:500-1:2500)

Western Blot (1:1000-1:10000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 (10 mg/mL BSA (immunoglobulin and protease free), 0.01% (w/v) gentamicin sulfate). Do NOT add sodium azide!

**Storage Instruction:** Store vial at 4°C prior to restoration.

After reconstitution with 2.0 mL deionized water (or equivalent), aliquot contents and freeze at -20°C or below for extended storage.

Aliquot to avoid repeated 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.

#### References:

1. Identification and evaluation of fructose-bisphosphate aldolase B as a potential diagnostic biomarker in choledochal cysts patients: a quantitative proteomic analysis. Gedong Ming, Wanliang Guo, Yuan Cheng, Jian Wang. *Transl Pediatr.* 2021 Aug;10(8):2083-2094. doi: 10.21037/tp-21-336.