



## Goat Anti-Rabbit IgG [HRP]

Cat.No: 20.0001

[www.dauids-bio.com](http://www.dauids-bio.com) (Custom Antibodies)

[www.dauids-science.de](http://www.dauids-science.de) (Lab Material)

### - 1 - Introduction

Goats were immunized to produce these high-quality secondary antibodies. A complete IgG (H+L) antibody fraction from New Zealand White Rabbits was used for the immunization to receive high specific secondary antibodies for all applications.

The antibodies were conjugated to HRP (Horse Radish Peroxidase) for the use in WesternBlot, ELISA, Immuno-Histo-Chemistry or similar applications. The antibody is compatible to dyes like ABTS or TMB. The peroxidase has a RZ-Value of > 3, 1000 ABTS U/mg or 300 Pyrogallol U/mg. The conjugation was performed in an equivalent ratio: Antibody to HRP (1:1).

#### Information

	20.0001.02 (0.2 ml)
Cat.No.	20.0001.05 (0.5 ml) 20.0001.10 (1.0 ml)
Concentration	0.8 mg/ml
Host	Goat
Conjugation	HRP (Horst Radish Peroxidase)

### - 2 - Manual

#### Dilution Recommendations of the secondary antibody

WesternBlot	○	○	●	●	●	1:10.000 – 1:100.000
	500	5.000	10.000	50.000	100.000	
ELISA	○	●	●	●	○	1:5.000 – 1:50.000
	500	5.000	10.000	50.000	100.000	
IHC Dilution	●	●	○	○	○	1:500 – 1:5.000
	500	5.000	10.000	50.000	100.000	

Not for diagnostic or therapeutic use. Not for human use. For research purposes only. This product is not a medical device.  
Not for use in in vitro diagnostic procedure for clinical diagnosis. Custom tests must be done to determine the ability for a specific use.

### - 3 - Cross Reactivity

The Cross-Reactivity was determined in WesternBlot and ELISA. We determined less than 1% Cross-Reactivity to human IgG, bovine IgG, mouse IgG and chicken IgY.

### - 4 - Special Handling

Do not add Sodium Azide (NaN<sub>3</sub>) to this antibody. Sodium Azide may inhibit the activity of the enzyme irreversible. Preservation can be done with 0.02% Merthiolate or Thymol.

### - 5 - Information

#### Handling

Preservation                      Thymol

Storage Conditions              2 – 8°C

The antibody fraction has an expiration date of 6 months at 2 - 4°C. In many cases the fraction is stable for years.

#### Protocols

ELISA                                <https://data.davids-bio.com/protocols/12%20ELISA%20HRP.pdf>

WesternBlot                        <https://data.davids-bio.com/protocols/10%20WesternBlot.pdf>

IHC                                    <https://data.davids-bio.com/protocols/11%20Protocols%20-%20IHC%20Frozen%20Tissue.pdf>

Antibody Storage                 <https://data.davids-bio.com/protocols/02%20Antibody%20Storage.pdf>