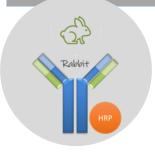
# **Davids Datasheets**





## Goat Anti-Rabbit IgG [HRP]

Cat.No: 20.0001

<u>www.davids-bio.com</u> (Custom Antibodies) <u>www.davids-science.de</u> (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	
Cat.No.	20.0001.02 (0.2 ml)
	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	O 500	5.000 10.000 50.000 100.000	1:10.000 – 1:100.000	
ELISA	O 500	5.000 10.000 50.000 100.000	1:5.000 – 1:50.000	
IHC Dilution	500	O O O   5.000 10.000 50.000 100.000	1:500 – 1:5.000	

### - 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 (NaN3) 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	