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Datasheet for ABIN5689008

**anti-GRO beta Protein (GRO-B) antibody (Biotin)**

## Overview

Quantity:	0.05 mg
Target:	GRO beta Protein (GRO-B)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hGRO- $\beta$ , (human GRO- $\beta$ ).
Purification:	Anti-hGRO- $\beta$ , specific antibody was purified by affinity chromatography and then biotinylated.

## Target Details

Target:	GRO beta Protein (GRO-B)
Alternative Name:	GRO-B ( <a href="#">GRO-B Products</a> )
Gene ID:	2920
UniProt:	<a href="#">P19875</a>

## Application Details

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### Application Notes:

#### ELISA:

To detect hGRO- $\beta$ , by direct ELISA (using 100  $\mu$ L/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30  $\mu$ g/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hGRO- $\beta$ .

Sandwich: To detect hGRO-beta by sandwich ELISA (using 100  $\mu$ L/well antibody solution) a concentration of 0.25 - 1.0  $\mu$ g/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our Polyclonal Anti-Human GRO-beta (XP-5148) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hGRO-beta.

#### Western Blot:

To detect hGRO- $\beta$ , by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2  $\mu$ g/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hGRO- $\beta$ , is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

### Restrictions:

For Research Use only

## Handling

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### Format:

Lyophilized

### Storage:

-20 °C

### Storage Comment:

GRO-B antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.