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## Datasheet for ABIN5689002 **anti-GCP2 antibody**

### Overview

Quantity:	0.1 mg
Target:	GCP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

### Product Details

Immunogen:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hGCP-2 (human GCP-2).
Purification:	Anti-hGCP-2 specific antibody was purified by affinity chromatography employing immobilized hGCP-2 matrix.

### Target Details

Target:	GCP2
Alternative Name:	GCP-2 ( <a href="#">GCP2 Products</a> )
Gene ID:	6372
UniProt:	<a href="#">P80162</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a>

## Application Details

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### Application Notes:

#### Neutralization:

To yield one-half maximal inhibition [ND50] of the biological activity of hGCP-2 (100.0 ng/mL), a concentration of 2.0 - 5.0 µg/mL of this antibody is required.

#### ELISA:

To detect hGCP-2 by direct ELISA (using 100 µL/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant hGCP-2.

br> Sandwich: To detect hGCP-2 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5 - 2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with our Biotinylated Anti-Human GCP-2 (XP-5140Bt) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hGCP-2.

#### Western Blot:

To detect hGCP-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hGCP-2 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:

GCP-2 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.