

Product datasheet

Anti-GCP2 antibody ab9923

2 References

Overview

Product name	Anti-GCP2 antibody
Description	Rabbit polyclonal to GCP2
Tested applications	Suitable for: ELISA, Neutralising, WB
Species reactivity	Reacts with: Human
Immunogen	Highly pure (>98%) recombinant hGCP-2 (human Granulocyte Chemotactic Protein-2)

Properties

Form	Lyophilised:Reconstitute with 200µl of sterile water.
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	PBS, pH 7.4, no preservative, sterile filtered
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	unknown
Light chain type	unknown

Applications

Our [Abpromise guarantee](#) covers the use of **ab9923** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution. To detect hGCP-2 by direct ELISA (using 100µl/well antibody solution) a concentration of at least 0.5µg/ml of this antibody is required. This antibody, in conjunction with compatible secondary reagents, allows detection of 0.2 - 0.4 ng/well of recombinant hGCP-2.
Neutralising		Use at an assay dependent dilution. 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.

Application	Abreviews	Notes
WB		Use 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.

Target

Function	Chemotactic for neutrophil granulocytes.
Sequence similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Cellular localization	Secreted.

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