

## Product datasheet

# Anti-PiGF antibody ab110624

### 1 References

#### Overview

<b>Product name</b>	Anti-PiGF antibody
<b>Description</b>	Rabbit polyclonal to PiGF
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Indirect ELISA, Sandwich ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment <b>Predicted to work with:</b> Human
<b>Immunogen</b>	Highly pure (>98%) recombinant Human PiGF

#### Properties

<b>Form</b>	Lyophilised:Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.20 Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

Our [Abpromise guarantee](#) covers the use of **ab110624** 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
Indirect ELISA		Use a concentration of 0.5 - 2 µg/ml. (using 100 µl/well antibody solution) allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human PiGF.

Application	Abreviews	Notes
Sandwich ELISA		Use a concentration of 0.5 - 2 µg/ml. Can be paired for Sandwich ELISA with <a href="#">Rabbit polyclonal to PIGF (Biotin) (ab84226)</a> . Using <a href="#">ab84226</a> as the detection antibody and <a href="#">ab110624</a> as the capture antibody, the detection limit for recombinant Human PiGF is 0.2 - 0.4 ng/well, using 100 µl/well antibody solution.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 25 kDa. The detection limit for recombinant Human PiGF is 1.5 – 3.0 ng/lane, under either reducing or non-reducing conditions.

## Target

<b>Function</b>	Involved in GPI-anchor biosynthesis through the transfer of ethanolamine phosphate to the third mannose of GPI.
<b>Pathway</b>	Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.
<b>Sequence similarities</b>	Belongs to the PIGF family.
<b>Cellular localization</b>	Endoplasmic reticulum membrane.

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