## Product Details

<table>
<thead>
<tr>
<th><strong>RRID</strong></th>
<th><strong>AB_321696</strong></th>
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</table>

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td>-</td>
<td>No</td>
<td></td>
<td>1/10 - 1/100</td>
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<tr>
<td>Immunohistology - Frozen</td>
<td></td>
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<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td>No</td>
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<tr>
<td>ELISA</td>
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<tr>
<td>Immunoprecipitation</td>
<td>-</td>
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<tr>
<td>Western Blotting</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mink, Dog

**N.B.** Antibody reactivity and working conditions may vary between species.

### Product Form

Purified IgG - liquid

### Preparation

Purified IgG prepared by ion exchange chromatography

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN$_3$)

### Carrier Free

Yes
Approx. Protein Concentrations
IgG concentration 1.0mg/ml

Immunogen
Human red blood cells and platelets.

External Database Links
UniProt: P14770  Related reagents
Entrez Gene: 2815  Related reagents

Fusion Partners
Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.

Specificity
Mouse anti Human CD42a antibody, clone GRP-P recognizes the platelet GPIIX glycoprotein, a 23kDa surface marker expressed by platelets and megakaryocytes. Platelet GPIIX is also known as CD42a.

The CD42 complex is the major platelet receptor for von Willebrand factor.

Flow Cytometry
Use 10ul of the suggested working dilution to label 10^6 cells or 100ul whole blood

References

Storage
Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

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### Related Products

#### Recommended Secondary Antibodies

- **Goat Anti Mouse IgG IgA IgM (STAR87...)** [Alk. Phos., HRP](#)
- **Goat Anti Mouse IgG (STAR77...)** [HRP](#)
- **Rabbit Anti Mouse IgG (STAR12...)** [RPE](#)
- **Rabbit Anti Mouse IgG (STAR8...)** [DyLight®800](#)
- **Rabbit Anti Mouse IgG (STAR13...)** [HRP](#)
- **Goat Anti Mouse IgG (STAR76...)** [RPE](#)
- **Goat Anti Mouse IgG (STAR70...)** [FITC](#)
- **Goat Anti Mouse IgG (Fc) (STAR120...)** [FITC, HRP](#)
- **Rabbit Anti Mouse IgG (STAR9...)** [FITC](#)
- **Goat Anti Mouse IgG (H/L) (STAR117...)** [Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP](#)

#### Recommended Negative Controls

**MOUSE IgG1 NEGATIVE CONTROL (MCA928)**