Datasheet: STAR97

**Description:** GOAT F(ab')2 ANTI HUMAN IgG

**Specificity:** IgG (H/L)

**Format:** Purified

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 0.8 mg

### Product Details

**Applications**

<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>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<tr>
<td>Western Blotting</td>
<td>0</td>
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</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species**

Human

**Product Form**

F(ab')2 fragments of purified IgG - liquid

**Antiserum Preparation**

Antisera to human IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. F(ab')2 fragments were prepared by pepsin digestion.

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide

**Approx. Protein Concentrations**

F(ab')2 concentration 0.8 mg/ml

**Immunogen**

Human IgG

**External Database Links**

UniProt:

- [P01857](https://www.uniprot.org/uniprot/P01857) Related reagents
- [P01834](https://www.uniprot.org/uniprot/P01834) Related reagents
- [P01860](https://www.uniprot.org/uniprot/P01860) Related reagents
### Specificity

**Goat F(ab’)2 anti Human IgG antibody** recognizes human IgG and demonstrates <1% cross-reactivity with other human immunoglobulin classes or subclasses.

Goat F(ab’)2 anti Human IgG antibody does not cross-react with Goat IgG F(c) or mouse, rat, bovine and horse serum proteins, as determined by immunoelectrophoresis.

Goat F(ab’)2 anti Human IgG antibody has been used for the detection of the antibody response to an endogenous retrovirus GAG matrix in patients with rheumatoid arthritis by ELISA (Nelson et al. 2014).

### References


### Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

### Shelf Life

18 months from date of despatch.

### Health And Safety Information


### Regulatory

For research purposes only

### Related Products

**Recommended Secondary Antibodies**

Rabbit Anti Goat IgG (Fc) (STAR122...) **FITC, HRP**