

## Product datasheet

# Goat F(ab')<sub>2</sub> Anti-Rat IgG - Fc (HRP), pre-adsorbed ab6257

### 3 References

#### Overview

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<b>Product name</b>	Goat F(ab') <sub>2</sub> Anti-Rat IgG - Fc (HRP), pre-adsorbed
<b>Host species</b>	Goat
<b>Target species</b>	Rat
<b>Specificity</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rat IgG, Rat IgG F(c) and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(ab') <sub>2</sub> or Bovine, Horse, Human Serum Proteins.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, Dot blot, WB, ELISA, IHC, Electron Microscopy
<b>Minimal cross-reactivity</b>	Cow, Horse, Human <a href="#">more details</a>
<b>Immunogen</b>	Rat IgG F(c) whole molecule
<b>Conjugation</b>	HRP

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 6.50 Preservative: 0.01% Gentamicin sulphate Constituents: 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride, 1% BSA  BSA is IgG and protease free. Warning: use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.
<b>Purification notes</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation.
<b>Conjugation notes</b>	Horseradish Peroxidase (HRP) (Molecular Weight 40,000 daltons)
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab6257 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
ICC/IF		
Dot blot		
WB		
ELISA		
IHC		
Electron Microscopy		

### Application notes

Dot: Use at an assay dependent dilution.  
Electron Microscopy: Use at an assay dependent dilution.  
ELISA: 1/20000 - 1/200000.  
IHC: 1/500 - 1/5000.  
WB: 1/20000 - 1/200000.

This product has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/20000 to 1/200000 of the reconstitution concentration is suggested for this product for ELISA and Western blots and a 1/500 to 1/5000 for immunohistochemistry on tissue sections.

Suitable for other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.

Not tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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