

## Product datasheet

# Goat Anti-Rat IgG Fc (DyLight® 550) preadsorbed ab96972

★★★★★ [1 Abreviews](#) [3 Images](#)

### Overview

---

<b>Product name</b>	Goat Anti-Rat IgG Fc (DyLight® 550) preadsorbed
<b>Host species</b>	Goat
<b>Target species</b>	Rat
<b>Specificity</b>	By immunoelectrophoresis and ELISA this antibody reacts specifically with Rat IgG. No antibody was detected against IgA, IgM or non-immunoglobulin serum proteins. Reduced cross-reactivity to human and mouse IgG was detected.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF, Flow Cyt
<b>Minimal cross-reactivity</b>	Human, Mouse <a href="#">more details</a>
<b>Conjugation</b>	DyLight® 550. Ex: 562nm, Em: 576nm

### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.2% BSA, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Antiserum was cross adsorbed using human and mouse immunosorbents to remove cross reactive antibodies. Antiserum was solid phase adsorbed to ensure class specificity. This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>General notes</b>	DyLight® 550 replaces DyLight® 549.

## Applications

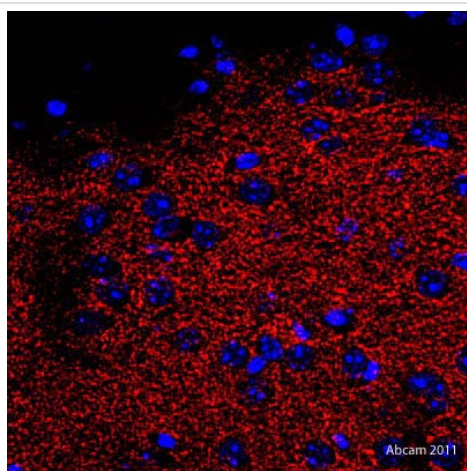
### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab96972 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
IHC-P		1/50 - 1/500.
ICC/IF	★★★★★ (1)	1/50 - 1/500.
Flow Cyt		1/50 - 1/200.

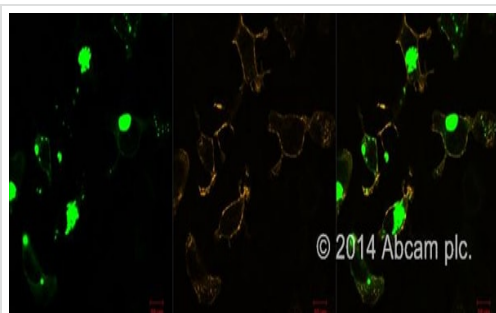
## Images



Anti dopamine transporter (DAT) staining in mouse Formalin Fixed Paraffin Embedded sections. For antigen retrieval HIER in citrate buffer was performed. Goat polyclonal Secondary Antibody to Rat IgG - Fc (DyLight® 550), pre-adsorbed (ab96972) was used as a secondary antibody at a concentration of 1/500.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Goat Anti-Rat IgG Fc (DyLight® 550) preadsorbed (ab96972)

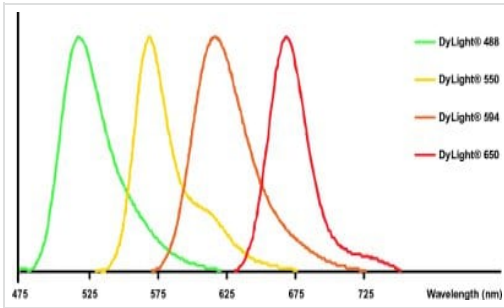
This image is courtesy of an abreview submitted by Carl Hobbs, Kings's College London, United Kingdom.



Immunocytochemistry/Immunofluorescence analysis of HEK293 cells using Goat Anti-Rat IgG Fc (DyLight® 550) preabsorbed (ab96972) in yellow labelling a cell surface protein. Cells were incubated with the secondary antibody (1/500 in PBS + 2% BSA) for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence - Goat Anti-Rat IgG Fc (DyLight® 550) preadsorbed (ab96972)

This image is courtesy of an Abreview submitted by Ya Zhou



Emission spectra of DyLight® fluorochromes available in our catalog.

Line colors represent the approximate visible colors of the wavelength maxima.

Goat Anti-Rat IgG Fc (DyLight® 550) preadsorbed  
(ab96972)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors