

## Product Datasheet

### Goat IgG Fc (orb2652765)

<b>Description</b>	Goat IgG Fc
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	SDS-PAGE
<b>Preservatives</b>	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None. 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	2.44 mg/mL
<b>Storage</b>	Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
<b>Note</b>	For research use only
<b>Application notes</b>	Goat IgG F(c) fragment has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments
<b>Isotype</b>	IgG F(c)
<b>Purity</b>	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and papain digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, anti-Goat IgG and anti-Goat IgG F(c). No reaction was observed against anti-Goat IgG F(ab') <sub>2</sub> or anti-Papain.
<b>Source</b>	Goat

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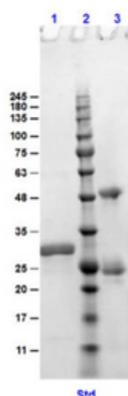
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### Hazard Information

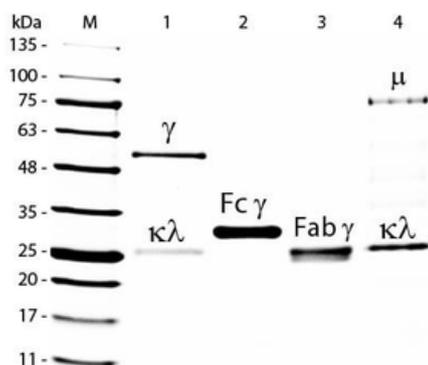
This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Biorbyt are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Biorbyt, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

### Expiration Date

6 months from date of receipt.



SDS PAGE Results of Goat IgG F(c) Fragment. Lane 1: Goat IgG F(c) Reduced [1.0 µg]. Lane 2: Opal Prestained Molecular Weight Marker. Lane 3: Goat IgG F(c) Non-Reduced [1.0 µg]. 4-20% Gel, Coomassie Stained.



SDS-PAGE of Goat IgG Whole Molecule Rhodamine Conjugated (p/n orb346100). Lane M: 5 µl Opal Prestained Marker. Lane 1: Reduced Goat IgG Whole Molecule Rhodamine Conjugated (p/n orb346100). Lane 2: Reduced Goat IgG F(c) Fragment (p/n orb2652765). Lane 3: Reduced Goat IgG F(ab) Fragment (p/n orb2652763). Lane 4: Reduced Goat IgM Whole Molecule (p/n orb346110). Load: 1 µg for IgG, F(c) and F(ab); 3 µg for IgM. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.

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