

Product Datasheet

Rabbit IgG Fab (orb2652745)

Description	Rabbit IgG Fab
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, SDS-PAGE, WB
Preservatives	0.01% (w/v) Sodium Azide. 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Form/Appearance	Liquid (sterile filtered)
Concentration	5.0 mg/mL
Storage	Store vial at 4° C prior to opening. Stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Note	For research use only
Application notes	Rabbit IgG Fab Fragment has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments
Isotype	IgG Fab
Purity	Rabbit IgG Fab fragment 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. Rabbit IgG Fab fragment was assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, anti-Rabbit IgG and anti-Rabbit IgG F(ab') ₂ . No reaction was observed against anti-Rabbit IgG F(c) or anti-Papain.
Source	Rabbit

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Hazard Information

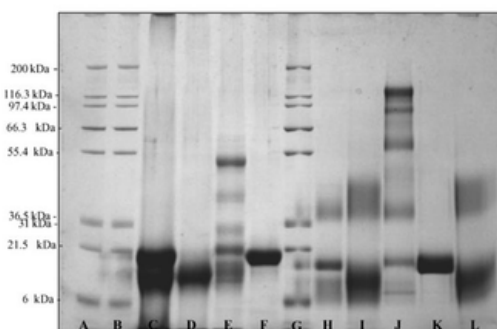
This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Biorbyt are derived from starting materials of North American origin. Collection 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.

Dilution Range

ELISA: User Optimized, IHC: User Optimized, WB: User Optimized

Expiration Date

6 months from date of receipt.



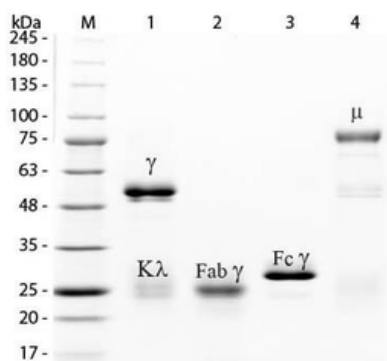
SDS PAGE gel of commercially-purified rabbit Immunoglobulin G (rIgG) and of rIgG papain digestion products Fab and Fc. Lanes C-F contain products which have been reduced with b-mercaptoethanol. Lanes H-L contain non-reduced products. Each lane contains approximately 35 mg of the following products: Lanes C and H contain papain digested products; Lanes D, I and L contain Fc fragment obtained from protein A purification; Lanes E and J contain whole rIgG; Lanes F and K contain Fab fragment obtained from protein A purification; Lanes A, B and G contain gel markers. Whole rIgG (p/n orb2652747), rFc (p/n orb346310), rFab (p/n orb2652745), rF(ab')₂ (p/n orb346311).

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SDS-PAGE of Rabbit IgG Whole Molecule Rhodamine Conjugated (p/n orb346302). Lane M: 3 μ l Opal Prestained Marker. Lane 1: Reduced Rabbit IgG Whole Molecule Rhodamine Conjugated (p/n orb346302). Lane 2: Reduced Rabbit IgG F(ab) Fragment (p/n orb2652745). Lane 3: Reduced Rabbit IgG F(c) Fragment (p/n orb346310). Lane 4: Reduced Rabbit IgM Whole Molecule (p/n orb346313). Load: 1 μ g for F(ab) and F(c); 1.2 μ g for IgG and 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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