

# Product Datasheet

## Mouse IgG F(ab)2 Isotype Control NBP1-97018

Unit Size: 2 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NBP1-97018****Mouse IgG F(ab')<sub>2</sub> Isotype Control**

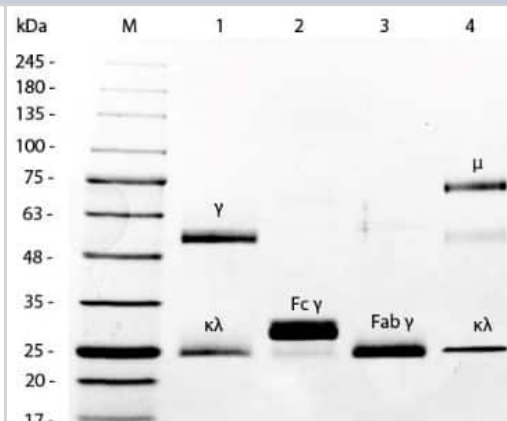
Product Information	
Unit Size	2 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	<p>This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum, anti-Mouse IgG and anti-Mouse IgG F(ab')<sub>2</sub></p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Mouse
Species	Mouse
Specificity/Sensitivity	No reaction was observed against anti-Mouse IgG F(c) or anti-Pepsin.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, SDS-Page
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry 1:10 - 1:500, SDS-Page
Application Notes	This product has been tested by SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.

**Images**

SDS-Page: Mouse IgG F(ab')<sub>2</sub> Isotype Control [NBP1-97018] - SDS-PAGE of Mouse IgG F(ab')<sub>2</sub> Fragment. Lane 1: 5 uL Opal Prestained Marker. Lane 2: Reduced Mouse IgG Whole Molecule. Lane 3: Reduced Mouse F(c) Fragment. Lane 4: Reduced Mouse F(ab')<sub>2</sub> Fragment. Lane 5: Mouse IgM Kappa Myeloma Protein. Load: 1 ug per lane. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab')<sub>2</sub> at 25 kDa; IgM K at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.



## Publications

Lourenco BN, Springer NL, Ferreira D, Oliveira C. CD44v6 increases gastric cancer malignant phenotype by modulating adipose stromal cell-mediated ECM remodeling. Integr Biol (Camb). 2018-02-16 [PMID: 29450424] (Mouse)

### Details:

This citation used the HRP form of this antibody



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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