

Datasheet for 013-0051

## Sheep IgG F(ab')<sub>2</sub> Agarose

### Overview

<b>Description:</b>	Sheep IgG F(ab') <sub>2</sub> Fragment Agarose Conjugated - 013-0051
<b>Item No.:</b>	013-0051
<b>Size:</b>	5 mg
<b>Origin:</b>	Sheep

### Product Details

<b>Background:</b>	Sheep IgG F(ab') <sub>2</sub> Fragment Agarose Conjugated is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. Sheep IgG F(ab') <sub>2</sub> molecules lack the Fc portion of Sheep IgG and therefore receptors that bind Sheep IgG Fc will not bind Sheep IgG F(ab') <sub>2</sub> molecules. This product possesses the F(ab') <sub>2</sub> fragment, recognized by the two F(ab) fragments yielded from the digestion of the antibody below the disulfide bond hinge region followed by agarose conjugation.
<b>Synonyms:</b>	Sheep IgG F(ab') <sub>2</sub> fragment Agarose Conjugate, Sheep IgG Fab <sub>2</sub> Agarose
<b>Species of Origin:</b>	Sheep
<b>Conjugate:</b>	Agarose
<b>Format:</b>	IgG F(ab') <sub>2</sub>
<b>Type:</b>	Native Protein

### Target Details

<b>Purity/Specificity:</b>	This product is an purified Sheep IgG isolated from normal Sheep Serum digested by the enzyme pepsin and purified by chromatography coupled to activated agarose. Sufficient antibody capacity is provided to bind a minimum of 5.0 of anti-Sheep IgG.
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### Application Details

<b>Application Note:</b>	Sheep IgG F(ab') <sub>2</sub> Agarose is suitable for immunoprecipitation and Immunoaffinity purifications.
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<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>IP:</b>	User Optimized

## Formulation

<b>Physical State:</b>	Suspension of agarose beads
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	None

## Shipping & Handling

<b>Shipping Condition:</b>	Wet Ice
<b>Storage Condition:</b>	Store vial at 4° C prior to opening. DO NOT FREEZE.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Disclaimer

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