

## Goat IgG anti-Mouse IgG (F(ab')<sub>2</sub>)-unconj., MinX none

### General Information

<b>Catalog Number:</b> SEC-183160	<b>Physical State:</b> Liquid (sterile filtered)
<b>Quantity:</b> 2 mg	<b>Reconstitution Volume:</b>
	<b>Reconstitution Buffer:</b>
	<b>Shipping Conditions:</b> Wet Ice
	<b>Product Expiration:</b> Expiration date is one (1) year from date of opening.

### Antibody Host / Format

<b>Host Species:</b> Goat	<b>Clonality / Isotype / Clone:</b> polyclonal Ig
<b>Antibody Format:</b> IgG whole molecule	<b>Concentration:</b> 2.0 mg/mL by UV absorbance at 280 nm
	<b>Conjugation:</b> unconjugated
	<b>Maximum Excitation / Emission:</b> /

### Specificity

<b>Target Species:</b> Mouse	<b>Immunogen:</b> Mouse IgG F(ab') <sub>2</sub> fragment
<b>Antibody Specificity:</b> IgG (F(ab') <sub>2</sub> Fragment)	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG, Mouse IgG F(ab') <sub>2</sub> and Mouse Serum. No reaction was observed against Mouse IgG F(c).
	<b>Minimal Cross Reactivity:</b> none

### Formulation, Transport and Storage

<b>Storage Buffer:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	Store vial at 4° C prior to opening. This product is stable for several weeks 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.
<b>Stabilizer:</b> None	
<b>Preservatives:</b> 0.01% (w/v) Sodium Azide	
	<b>Storage Temperature:</b> 4-8°C

### Application Recommendation

<b>Application:</b> ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot
<b>Dilution:</b> ELISA 1:20.000 - 1:100.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

#### Manufacturer

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Management System  
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### Application Note:

Anti-Mouse IgG F(ab')<sub>2</sub> antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

### Background Information

Anti-Mouse IgG F(ab')<sub>2</sub> Antibody generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab')<sub>2</sub> molecules lack the Fc portion of IgG and therefore receptors that bind mouse IgG Fc will not bind mouse IgG F(ab')<sub>2</sub> molecules. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

### Safety Information

This reagent contains sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.

### Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

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