

**F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody**  
**Rabbit Polyclonal, Unconjugated**  
**Catalog # ASR1699****Specification**

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**F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody - Product Information**

Description	<b>F(ab')<sub>2</sub> Anti-RAT IgG [H&amp;L] (RABBIT) Antibody</b>
Host	<b>Rabbit</b>
Conjugate	<b>Unconjugated</b>
Target Species	<b>Rat</b>
Clonality	<b>Polyclonal</b>
Application	<b>WB, IHC, E</b>
Application Note	<b>ELISA 1:20,000-1:100,000;Western Blot 1:2,000-1:10,000;Immunohistochemistry 1:1,000-1:5,000</b>
Physical State	<b>Liquid (sterile filtered)</b>
Host Isotype	<b>IgG F(ab')<sub>2</sub></b>
Target Isotype	<b>IgG (H&amp;L)</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</b>
Immunogen	<b>Rat IgG whole molecule</b>
Stabilizer	<b>None</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody - Additional Information****Shipping Condition**

Wet Ice

**Purity**

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Rat IgG and Rat Serum. No reaction was observed against anti-Pepsin and anti-Rabbit IgG F(c).

**Storage Condition**

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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody - Protein Information**

## **F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody - Images**

## **F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody - Background**

F(ab')<sub>2</sub> Antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab')<sub>2</sub> fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab')<sub>2</sub> fragments penetrate into tissue samples and show better antigen recognition and signal generation in IHC. F(ab')<sub>2</sub> fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')<sub>2</sub> Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.