

**F(ab')<sub>2</sub> Anti-Cat IgG F(ab')<sub>2</sub> Secondary Antibody**  
**Rabbit Polyclonal, Unconjugated**  
**Catalog # ASR3428****Specification****F(ab')<sub>2</sub> Anti-Cat IgG F(ab')<sub>2</sub> Secondary Antibody - Product Information**

|                       |  |
|-----------------------|--|
| Description           | <b>F(ab')<sub>2</sub> Anti-CAT IgG F(ab')<sub>2</sub> (RABBIT) Antibody</b>                        |
| Host                  | <b>Rabbit</b>  |
| Conjugate             | <b>Unconjugated</b>  |
| Target Species        | <b>Cat</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>Lyophilized</b>   |
| Host Isotype          | <b>IgG F(ab')<sub>2</sub></b>  |
| Target Isotype        | <b>IgG F(ab')<sub>2</sub></b>  |
| Buffer                | <b>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</b>                                  |
| Immunogen             | <b>Cat IgG F(ab')<sub>2</sub> fragment</b>   |
| Reconstitution Volume | <b>2.0 mL</b>  |
| Reconstitution Buffer | <b>Restore with deionized water (or equivalent)</b>  |
| Stabilizer            | <b>None</b>  |

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

Ambient

**Purity**

This product is a F(ab')<sub>2</sub> fragment of IgG fraction antibody purified from monospecific antiserum 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-Rabbit Serum, Cat IgG, Cat IgG F(ab')<sub>2</sub> and Cat Serum. No reaction was observed against Cat IgG F(c), anti-Rabbit IgG F(c) or anti-Pepsin.

**Storage Condition**

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**

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

## **F(ab')<sub>2</sub> Anti-Cat IgG F(ab')<sub>2</sub> Secondary Antibody - Protein Information**

## **F(ab')<sub>2</sub> Anti-Cat IgG F(ab')<sub>2</sub> 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-Cat IgG F(ab')<sub>2</sub> Secondary Antibody - Images**

## **F(ab')<sub>2</sub> Anti-Cat IgG F(ab')<sub>2</sub> 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.