10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# F(ab')2 Anti-Horse IgG (H&L) Secondary Antibody
**Rabbit Polyclonal, Unconjugated**
**Catalog # ASR1853**

## Specification

### F(ab')2 Anti-Horse IgG (H&L) Secondary Antibody - Product Information

| | |
|---|---|
| Description | F(ab')2 Anti-HORSE IgG [H&L] (RABBIT) Antibody |
| Host | Rabbit |
| Conjugate | Unconjugated |
| Target Species | Horse |
| Clonality | Polyclonal |
| Application | ,1,2,10, |
| Application Note | ELISA 1:20,000-1:100,000;Western Blot 1:2,000-1:10,000;Immunohistochemistry 1:1,000-1:5,000 |
| Physical State | Liquid (sterile filtered) |
| Host Isotype | IgG F(ab')2 |
| Target Isotype | IgG (H&L) |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Immunogen | Horse IgG whole molecule |
| Stabilizer | None |

### F(ab')2 Anti-Horse IgG (H&L) Secondary Antibody - Additional Information

**Shipping Condition**
Wet Ice

**Purity**
This product was prepared from monospecific antiserum by immunoaffinity chromatography using Horse 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, Horse IgG and Horse 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')2 Anti-Horse IgG (H&L) Secondary Antibody - Protein Information

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## F(ab')2 Anti-Horse 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 Cytomety
- Cell Culture

## F(ab')2 Anti-Horse IgG (H&L) Secondary Antibody - Images

## F(ab')2 Anti-Horse IgG (H&L) Secondary Antibody - Background

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