



F(ab')2 Anti-Human IgG (gamma chain) Secondary Antibody

Goat Polyclonal, Unconjugated Catalog # ASR2548

Specification

F(ab')2 Anti-Human IgG (gamma chain) Secondary Antibody - Product Information

Description F(ab')2
Anti-HUMAN IgG

(gamma chain) (GOAT) Antibody

Host Goat

Conjugate Unconjugated

Target Species Human
Clonality Polyclonal
Application ,1,10,15,

Application Note **ELISA 1:20,000-1:**

100,000; Western Blot 1:2,000-1:10, 000; Immunochem

istry

1:1,000-1:5,000

Physical State Liquid (sterile

filtered)

Host Isotype IgG F(ab')2
Target Isotype IgG (gamma

chain)

Buffer 0.125 M Sodium

Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH

8.0

Immunogen Human IgG

gamma heavy

chain

Stabilizer None

Preservative 0.01% (w/v)
Sodium Azide

F(ab')2 Anti-Human IgG (gamma chain) Secondary Antibody - Additional Information

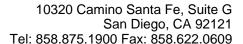
Shipping ConditionWet Ice

Purity

This product was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted

F(ab')2 Anti-Human IgG (gamma chain) 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.





reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgG and Human Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). Specificity was confirmed by ELISA at less than 1% cross reactivity against other human heavy or light chain isotypes.

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-Human IgG (gamma chain) Secondary Antibody - Protein Information

F(ab')2 Anti-Human IgG (gamma chain) Secondary Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture