

F(ab')₂ Anti-Sheep IgG Fab'2 Secondary Antibody
Rabbit Polyclonal, Unconjugated
Catalog # ASR3491**Specification****F(ab')₂ Anti-Sheep IgG Fab'2 Secondary Antibody - Product Information**

Description	F(ab')₂ Anti-SHEEP IgG F(ab')₂ (RABBIT) Antibody
Host	Rabbit
Conjugate	Unconjugated
Target Species	Sheep
Clonality	Polyclonal
Application	WB, IHC, E
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	Lyophilized
Host Isotype	IgG F(ab')₂
Target Isotype	IgG F(ab')₂
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Sheep IgG F(ab')₂ fragment
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

F(ab')₂ Anti-Sheep IgG Fab'2 Secondary Antibody - Additional Information**Shipping Condition**

Ambient

Purity

This product is a F(ab')₂ 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, Sheep IgG, Sheep IgG F(ab')₂ and Sheep Serum. No reaction was observed against Sheep 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')₂ Anti-Sheep IgG Fab'2 Secondary Antibody - Protein Information

F(ab')₂ Anti-Sheep IgG Fab'2 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')₂ Anti-Sheep IgG Fab'2 Secondary Antibody - Images

F(ab')₂ Anti-Sheep IgG Fab'2 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.