



## SHEEP IgG F(ab')<sub>2</sub> fragment (BULK ORDER) - 013-0104

**Code:** 013-0104

**Size:** 10 mg

**Product Description:** SHEEP IgG F(ab')<sub>2</sub> fragment (BULK ORDER) - 013-0104

**Concentration:** 10.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Unconjugated
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	1.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	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.
<b>Synonyms</b>	Sheep IgG F(ab') <sub>2</sub> Fragment, Sheep IgG Fab <sub>2</sub> Fragment
<b>Application Note</b>	Sheep IgG F(ab') <sub>2</sub> Fragment reagents are ideal for ELISA, western blotting, Immunohistochemistry, as well as other antibody detection methods.
<b>Background</b>	Sheep IgG F(ab') <sub>2</sub> Fragment is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. Sheep IgG F(ab') <sub>2</sub> molecules lack the Fc portion of Sheep IgG and therefore receptors that bind Sheep IgG Fc will not bind Sheep IgG F(ab') <sub>2</sub> molecules. This product possesses the F(ab') <sub>2</sub> fragment, recognized by the two F(ab) fragments yielded from the digestion of the antibody below the disulfide bond hinge region.
<b>Purity And Specificity</b>	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep IgG, anti-Sheep IgG F(ab') <sub>2</sub> and anti-Sheep Serum. No reaction was observed against anti-Sheep IgG F(c) or anti-Pepsin.
<b>Assay Dilutions</b>	User Optimized
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.

### Related Products

010-0102	MOUSE IgG whole molecule - 010-0102
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

### Disclaimer

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