

Datasheet for 605-4115**Goat IgG F(ab')₂ Antibody Pre-Adsorbed****Overview**

Description:	Rabbit Anti-Goat IgG F(ab') ₂ Antibody (Min X Human Serum Proteins) - 605-4115
Item No.:	605-4115
Size:	1.5 mg
Applications:	ELISA
Reactivity:	Goat
Host Species:	Rabbit

Product Details

Background:	Anti-Goat IgG F(ab') ₂ Antibody generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab') ₂ molecules lack the Fc portion of IgG and therefore receptors that bind goat IgG F(c) will not bind goat IgG F(ab') ₂ molecules.
Synonyms:	rabbit anti-Goat IgG F(ab') ₂ Antibody, rabbit anti-Goat IgG Fab2 Antibody, rabbit anti-Goat IgG Fab2 fragment
Host Species:	Rabbit
Specificity:	IgG F(ab') ₂
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Goat
Immunogen:	Goat IgG F(ab') ₂ fragment
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Goat IgG, Goat IgG F(ab') ₂ and Goat Serum. No reaction was observed against Goat IgG F(c) or Human Serum Proteins.

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Goat IgG F(ab') ₂ antibody has been tested by ELISA and is suitable for western blot and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000 - 1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.5 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
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.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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