

Datasheet for 709-1110**F(ab')₂ Human (kappa chain) Antibody****Overview**

Description:	Goat F(ab') ₂ Anti-Human κ (kappa chain) Antibody - 709-1110
Item No.:	709-1110
Size:	1 mg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Goat

Product Details

Background:	Anti-Human IgG (kappa chain) antibody generated in goat detects specifically human IgG (kappa chain). This secondary antibody anti-Human is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	Goat F(ab') ₂ Anti-Human κ (kappa chain) Antibody, Goat F(ab') ₂ Anti-Human kappa chain Antibody
Host Species:	Goat
Specificity:	κ (kappa chain)
Clonality:	Polyclonal
Format:	IgG F(ab') ₂

Target Details

Reactivity:	Human
Immunogen Type:	Native Protein
Immunogen:	Anti-Human IgG (kappa chain) was produced by repeated immunization with human IgG kappa light chain in goat.

Purity/Specificity:	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 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.
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Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-Human IgG (kappa chain) Antibody has been tested by ELISA and western blot and is suitable for immunohistochemistry 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:	1:25,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000
Other:	Product provided as a lyophilized powder, reconstitute with 1 mL of deionized water.

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
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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