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Datasheet for 610-1122

Mouse IgG Fc Antibody Pre-Adsorbed

Overview

Description:	Goat Anti-Mouse IgG Fc Antibody (Min X Bovine Horse and Human Serum Proteins) - 610-1122
Item No.:	610-1122
Size:	1 mg
Applications:	ELISA
Reactivity:	Mouse
Host Species:	Goat

Product Details

Background:	Anti-Mouse IgG F(c) generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of mouse IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.
Synonyms:	Immunoglobulin, Mouse IgG, Goat Anti-Mouse IgG F(c) Antibody, Goat Anti-Mouse IgG Fc Antibody, Goat Anti-Mouse IgG Fc Fragment Antibody
Host Species:	Goat
Specificity:	IgG Fc
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Mouse
Immunogen:	Mouse IgG F(c) fragment
Purity/Specificity:	Anti-Mouse IgG F(c) was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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-Goat Serum, Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(ab')2 or Bovine, Horse and Human Serum Proteins.

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Mouse IgG F(c) antibody has been tested by ELISA and is suitable for ELISA, Western Blot and Immunohistochemistry applications. Antibody should be optimized by end user for specific reactive conditions.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:450,000
IHC:	1:1,000 - 1:5,000
WB:	1:5,000 - 1:50,000

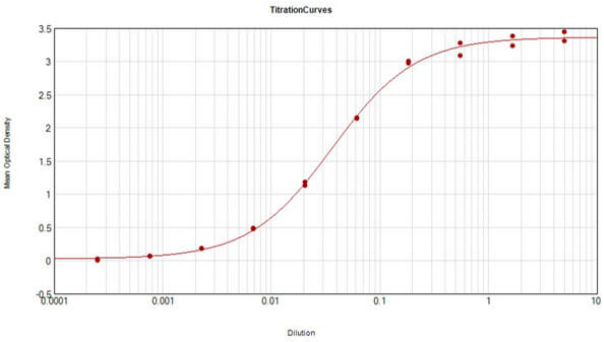
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.20 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium 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.

Images



ELISA

ELISA Results of purified Goat Anti-Mouse IgG F(c) Min X Bovine Horse and Human Serums. Each well was coated in duplicate with 1.0 µg of Mouse IgG (010-0102). The working dilution is 27300. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using HRP Conjugate Stabilizer (p/n MB-076), Dky Anti- Goat IgG HRP conjugated (p/n 605-703-125) and TMB substrate (p/n TMBE-1000).

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