

Datasheet for 612-1103

Rat IgG Fc Antibody**Overview**

Description:	Goat Anti-Rat IgG Fc Antibody - 612-1103
Item No.:	612-1103
Size:	2 mg
Applications:	Dot Blot, ELISA, WB
Reactivity:	Rat
Host Species:	Goat

Product Details

Background:	Anti-Rat 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 rat IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.
Synonyms:	Goat Anti Rat IgG F(c) Antibody, Goat Anti-Rat IgG Fc Fragment Antibody, Goat Anti-Rat IgG Fc Antibody
Host Species:	Goat
Specificity:	IgG Fc
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Rat
Immunogen:	Rat IgG F(c) fragment
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rat IgG, Rat IgG F(c) and Rat Serum. No reaction was observed against Rat IgG F(ab).

Application Details

Tested Applications:	Dot Blot, ELISA, WB
Application Note:	Anti-Rat IgG F(c) antibody has been tested by ELISA, dot blot, and western blot and is suitable for 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:	1:8,000 - 1:9,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

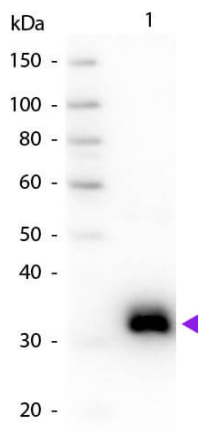
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	2.18 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

**Western Blot**

Western blot of Goat Anti-Rat IgG F(c) secondary antibody. Lane 1: Rat Fc (p/n 012-0103). Lane 2: None. Load: 50 ng per lane. Primary antibody: Rat IgG F(c) antibody at 1:1,000 for overnight at 4°C. Secondary antibody: Peroxidase goat secondary antibody at 1:40,000 for 30 min at RT. Blocking: MB-070 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Rat IgG F(c). Other band(s): None.

Disclaimer

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