

Datasheet for 109-4103

Human IgG Fc Antibody

Overview

Description:	Rabbit Anti-Human IgG Fc Antibody - 109-4103
Item No.:	109-4103
Size:	2 mL
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Anti-Human IgG F(c) generated in rabbit detects Human F(c). 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 human IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. F(c) Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.
Synonyms:	rabbit anti-Human IgG F(c) fragment Antibody, rabbit anti-Human IgG Fc fragment Antibody, rabbit anti Human IgG Fc
Host Species:	Rabbit
Specificity:	IgG Fc
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Reactivity:	Human
Immunogen:	Human IgG F(c) fragment

Purity/Specificity:	Human IgG F(c) Antibody was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against Human IgG, Human IgG F(c) and Human Serum. No reaction was observed against Human IgG F(ab).
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Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-Human IgG F(c) has been tested in ELISA and western blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA), fluorescent western blotting, multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
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

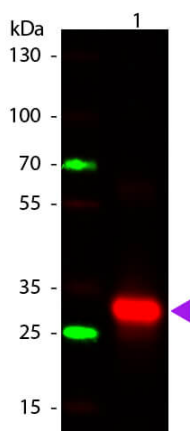
Formulation

Physical State:	Lyophilized
Concentration:	80.0 mg/mL by Refractometry
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	2.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	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.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of Rabbit anti-Human IgG F(c) Secondary Antibody. Molecular Weight Markers. Lane 1: Human F(c). Load: 50 ng/lane. Primary antibody: Human IgG F(c) secondary antibody at 1:1000 overnight at 4°C. Secondary antibody: DyLight™ 649 rabbit secondary antibody at 1:20,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Human IgG F(c). Other band(s): None.

Disclaimer

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