

Datasheet for 611-701-003

Rabbit IgG Fc Antibody

Overview

Description:	Donkey Anti-Rabbit IgG Fc Antibody - 611-701-003
Item No.:	611-701-003
Size:	2 mg
Applications:	WB
Reactivity:	Rabbit
Host Species:	Donkey

Product Details

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

Target Details

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

Application Details

Tested Applications:	WB
Application Note:	Anti-Rabbit IgG F(c) antibody is tested by western blot and suitable for ELISA 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:	1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:20,000

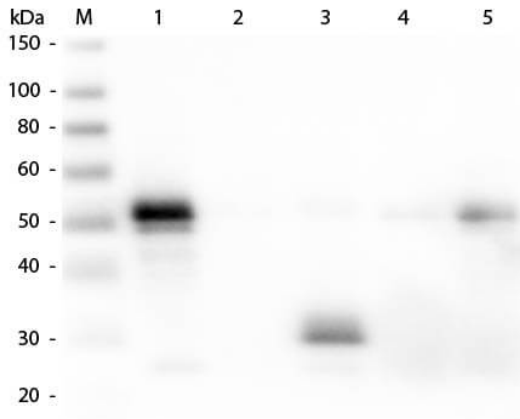
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	2 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 Anti-Rabbit IgG F(c) (DONKEY) Antibody (p/n 611-701-003). Lane M: 3 μ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n 011-0102). Lane 2: Rabbit IgG F(ab) Fragment (p/n 011-0105). Lane 3: Rabbit IgG F(c) Fragment (p/n 010-0103). Lane 4: Rabbit IgM Whole Molecule (p/n 011-0107). Lane 5: Normal Rabbit Serum (p/n B309). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(c) (DONKEY) Antibody (p/n 611-701-003) 1:5,000 for 60 min at RT. Secondary antibody: Anti-Donkey IgG (GOAT) Peroxidase Conjugated Antibody (p/n 616-1302) 1:40,000 in MB-070 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.

Disclaimer

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