

Datasheet for ABIN7581790 Recombinant Mouse anti-Goat IgG Antibody (Alexa Fluor 488)



Overview

1

Image

Quantity:	50 µg
Target:	lgG
Reactivity:	Goat
Host:	Mouse
Expression System:	Phage display
Antibody Type:	Recombinant Antibody
Clonality:	Multiclonal
Conjugate:	Alexa Fluor 488
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	recombinant Multiclonal anti-goat IgG
Immunogen:	No immunization, animal-free antibody development.
Isotype:	lgG2a
Specificity:	This is an antibody developed by antibody phage display technology using a human naive antibody gene library and goat IgG antigen. For this antibody both the heavy and light chains are cloned and expressed, generating full-length antibodies.
No Cross-Reactivity:	Goat, Human, Mouse
Cross-Reactivity (Details):	No known cross reactivity. No cross reactivtiy to mouse IgG, human IgG, goat IgG. Other species were not tested.

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Product Details

Characteristics:	Multiclonals are recombinant secondary antibodies that combine the best of polyclonal
	antisera and hybridoma monoclonal antibodies, while eliminating their disadvantages, plus they
	add the quality of recombinant reagents. Multiclonal antibodies consist of carefully adjusted
	mixtures recognizing different epitopes on all subclasses of goat IgG. Their respective epitope
	binding sites do not compete with each other, therefore amplifying signal strengths.
	Multiclonals can contain up to 17 different individually tested monoclonal recombinant
	antibodies. This provides the typical advantage of polyepitope recognition which is key to the
	broad application profile of polyclonal antisera, but eliminates their disadvantages (limited
	batch sizes and batch-to-batch variations, no long-term reproducibility, undefined composition,
	unknown constituents). Multiclonals are completely sequence defined, implying their unlimited
	long-term availability and always identical test results. Their composition of individually
	characterised antibodies minimizes cross-reactivity with other targets, since they do not
	contain non-target directed IgG like all animal derived polyclonals do. This allows for a much
	lower unspecific binding reactivity in many assays compared to animal based products.
Purification:	Protein A purification

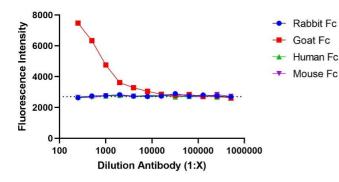
Grade:

Animal-Free

Target Details

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Target:	lgG
Abstract:	IgG Products
Target Type:	Antibody
Molecular Weight:	150 kDa
Application Details	
Application Notes:	Western Blot: 1:50 - 1:1,000 ELISA: 1:50 - 1:1,000 IHC: 1:50 - 1:1,000 Optimal working dilution
	should be determined by the investigator
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4,
Storage:	-20 °C

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ELISA

Image 1. goat IgG was coated on an ELISA plate at 100 ng. Multiclonal Anti-goat IgG, (ABIN7581790), was titrated on top. Fluorescence was measured in an ELISA plate reader.

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