

Datasheet for ABIN7581778

## Recombinant Mouse anti-Goat IgG Antibody



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### 2 Images

#### Overview

Quantity:	100 µg
Target:	IgG
Reactivity:	Goat
Host:	Mouse
Expression System:	Phage display
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	ELISA

#### Product Details

Purpose:	Mouse anti-goat IgG capture Antibody, animal-free mAb
Immunogen:	No immunization, animal-free antibody development
Clone:	AB326-1-C04
Isotype:	IgG2a
Specificity:	This is an antibody developed by antibody phage display technology using a human naive antibody gene library and goat IgG as antigen. For this antibody both the heavy and light chains are cloned and expressed, generating full-length antibodies.
No Cross-Reactivity:	Cat, Dog, Human
Cross-Reactivity (Details):	No known cross reactivity. No cross reactivity to rabbit IgG, human IgG, dog IgG, cat IgG. Other species not tested.

## Product Details

Characteristics:	This antibody reacts with whole goat IgG as determined by ELISA techniques. This antibody does not cross react with IgG from rabbit, human, dog or cat. Anti-Goat monoclonal antibodies are affinity-purified antibodies with well-characterized specificity for goat immunoglobulins. This antibody works excellent in capturing of goat IgG and is - together with clone ABK326-1-B10-M a working sandwich pair. This antibody can be detected with anti-mouse Fc secondary antibodies.
Purification:	Protein A purification
Grade:	Animal-Free

## Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Molecular Weight:	150 kDa

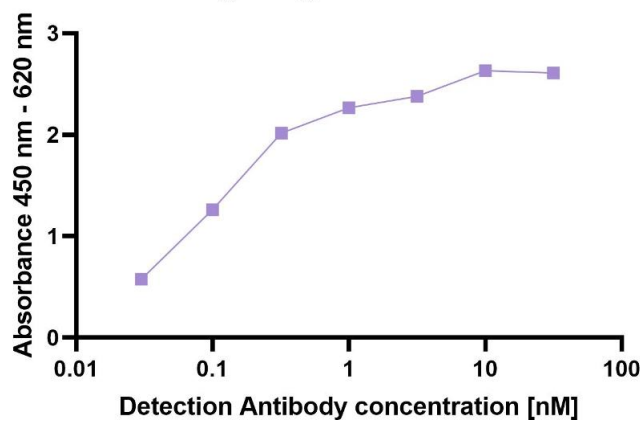
## Application Details

Application Notes:	ELISA: 1-12 µg/mL as coating antibody 0.5-5 µg/mL as detection antibody Optimal working dilution should be determined by the investigator
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, 0,02 % ProClin300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Sandwich ELISA  
goat IgG detection



ELISA

**Image 1.** Sandwich ELISA, here (ABIN7581778) was coated on an ELISA plate. Anti-goat IgG, (ABIN7581779)-Biotin, was titrated on top. Detection with Streptavidin-HRP. Binding reactions were visualized using TMB. Absorbance was measured in an ELISA plate reader at 450 nm using the signal at 620 nm as reference.

ELISA (Detection)

**Image 2.** Goat IgG was coated on an ELISA plate at 100 ng. Anti-goat IgG, (ABIN7581778), was titrated on top. Detection with anti-mouse HRP conjugated antibody. Binding reactions were visualized using TMB. Absorbance was measured in an ELISA plate reader at 450 nm using the signal at 620 nm as reference.

