

# Datasheet for ABIN7581781 Recombinant Mouse anti-Cat IgG Antibody





Overview

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

# Product Details

Purpose:	Mouse anti-cat IgG Antibody, animal-free mAb
Immunogen:	No immunization, animal-free antibody development
Clone:	AB171-2-B03
lsotype:	lgG2a
Specificity:	This is an antibody developed by antibody phage display technology using a human naive antibody gene library and cat IgG as antigen. For this antibody both the heavy and light chains are cloned and expressed, generating full-length antibodies.
No Cross-Reactivity:	Cat, Goat, Human
Cross-Reactivity (Details):	No known cross reactivity. No cross reactivtiy to rabbit IgG, human IgG, goat IgG, dog IgG. Other species were not tested.

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# Product Details Characteristics: This antibody reacts with whole cat IgG as determined by ELISA techniques. This antibody does not cross react with IgG from rabbit, human, dog or goat. Anti-Feline monoclonal antibodies are affinity-purified antibodies with well-characterized specificity for feline immunoglobulins and are useful in the detection, sorting or purification of its specified target. This antibody can be detected with anti-mouse Fc secondary antibodies. Purification: Protein A purification Grade: Animal-Free

# Target Details

Target:	lgG
Abstract:	IgG Products
Target Type:	Antibody
Molecular Weight:	150 kDa

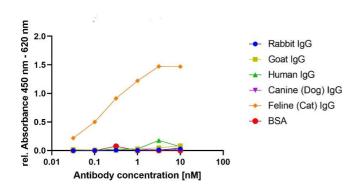
## Application Details

Application Notes:	ELISA: 1-12 $\mu$ g/mL as coating antibody 0.5-5 $\mu$ g/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

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### ELISA

**Image 1.** Feline IgG was coated on an ELISA plate at 100 ng. Anti-feline IgG (cat IgG), (ABIN7581781), 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.

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