

Datasheet for ABIN7581781

Recombinant Mouse anti-Cat IgG Antibody



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1 Image

Overview

Quantity:	100 µg
Target:	IgG
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
Isotype:	IgG2a
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 reactivity to rabbit IgG, human IgG, goat IgG, dog IgG. Other species were not tested.

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: IgG

Abstract: [IgG Products](#)

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

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.

