

Datasheet for ABIN7581780

Recombinant Mouse anti-Dog IgG Antibody[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	Mouse anti-dog IgG Antibody, animal-free mAb
Immunogen:	No immunization, animal-free antibody development
Clone:	AB169-1-E12
Isotype:	IgG2a
Specificity:	This is an antibody developed by antibody phage display technology using a human naive antibody gene library and dog 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, cat IgG. Other species were not tested.

Product Details

Characteristics:	This antibody reacts with whole dog IgG as determined by ELISA techniques. This antibody does not cross react with IgG from rabbit, human, goat or cat. Anti-Canine monoclonal antibodies are affinity-purified antibodies with well-characterized specificity for canine 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

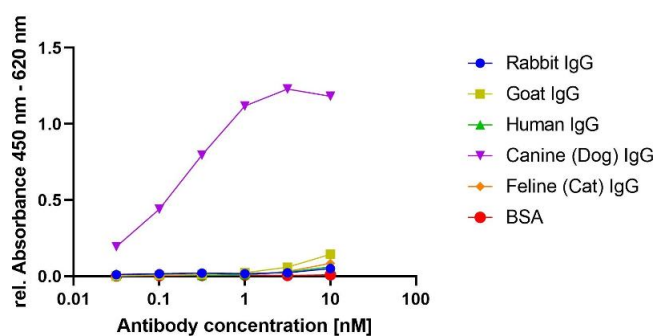
Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Molecular Weight:	150 kDa

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. Canine IgG was coated on an ELISA plate at 100 ng. Anti-canine IgG (dog IgG), (ABIN7581780), 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.