

Datasheet for ABIN7581779

Recombinant Mouse anti-Goat IgG Antibody**2** Images[Go to Product page](#)

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 detection Antibody, animal-free mAb
Immunogen:	No immunization, animal-free antibody development
Clone:	AB326-1-B10
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 were not tested.

Product Details

Characteristics:	<p>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.</p> <p>This antibody works excellent in detection of goat IgG and is - together with clone ABK326-1-C04-M as capturing antibody - a working sandwich pair. This antibody can be detected with anti-mouse Fc secondary antibodies.</p>
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Purification:	Protein A purification
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Grade:	Animal-Free
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Target Details

Target:	IgG
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Abstract:	IgG Products
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Target Type:	Antibody
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Molecular Weight:	150 kDa
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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
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Restrictions:	For Research Use only
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Handling

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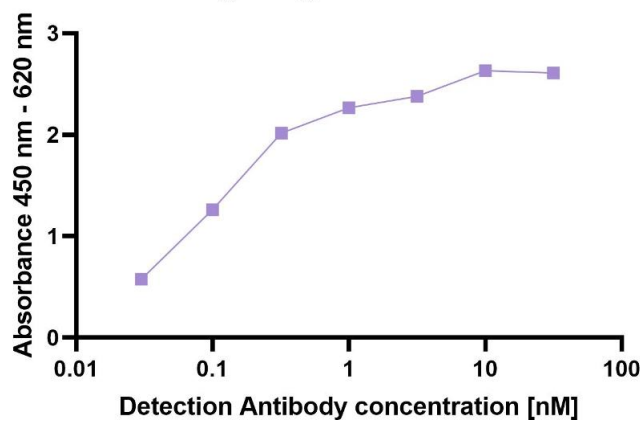
Buffer:	PBS, pH 7.4, 0,02 % ProClin300
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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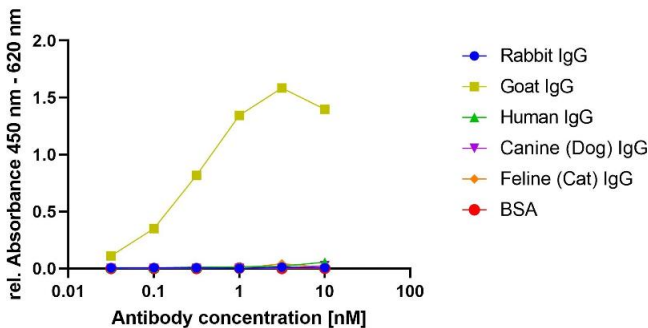
Storage:	-20 °C
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Sandwich ELISA
goat IgG detection



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, (ABIN7581779), 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.