

Datasheet for ABIN7581776

## Recombinant anti-SAA1 antibody



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	SAA1
Reactivity:	Human
Host:	Mouse
Expression System:	Phage display
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SAA1 antibody is un-conjugated
Application:	ELISA

#### Product Details

Purpose:	Mouse anti- human Serum Amyloid A1
Immunogen:	No immunization, animal-free antibody development. Antigen: human serum amyloid A1
Clone:	AB492-2-C08
Isotype:	IgG2a
Specificity:	This is an antibody developed by antibody phage display technology using a human naive antibody gene library and human serum amyloid A1 antigen. For this antibody both the heavy and light chains are cloned and expressed, generating full-length antibodies.
Characteristics:	This antibody can be detected with anti-mouse Fc secondary antibodies.
Purification:	Protein A purification

## Product Details

Grade: Animal-Free

## Target Details

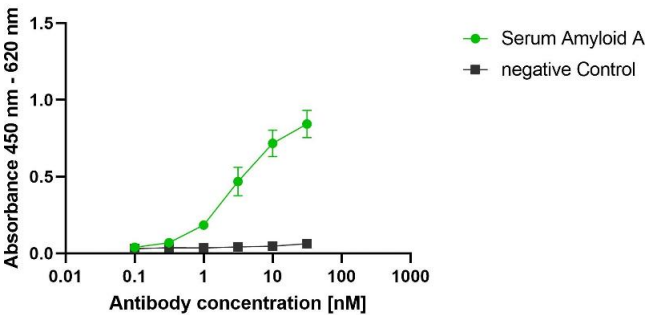
Target:	SAA1
Alternative Name:	Serum Amyloid A1 ( <a href="#">SAA1 Products</a> )
Background:	Serum Amyloid A1 (SAA1) is a prominent acute-phase protein in humans, primarily produced by the liver in response to inflammation. It plays a role in the immune system, potentially aiding in tissue repair, acting as an antibacterial agent, and signaling the migration of immune cells to sites of infection. Levels of SAA1 can increase dramatically (up to 1000-fold) during inflammatory states triggered by infections, injury, or chronic diseases.
Molecular Weight:	12 kDa
Gene ID:	6822
NCBI Accession:	<a href="#">NG_012021</a>
UniProt:	<a href="#">P02647</a>
Pathways:	<a href="#">Toll-Like Receptors Cascades</a>

## 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,
Storage:	-20 °C



ELISA

**Image 1.** Human Serum Amyloid A1 was coated on an ELISA plate at 100 ng. Anti-human Serum Amyloid A1 Antibody, (ABIN7581776), 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.