

Serum Amyloid A (SAA) Conjugated Antibody

Catalog No: #C48336



Package Size: #C48336-AF350 100ul #C48336-AF405 100ul #C48336-AF488 100ul

#C48336-AF555 100ul #C48336-AF594 100ul #C48336-AF647 100ul

#C48336-AF680 100ul #C48336-AF750 100ul #C48336-Biotin 100ul

Orders: order@signalwayantibody.com

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Description

Product Name	Serum Amyloid A (SAA) Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Highly purified recombinant SAA of human origin
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Amyloid fibril protein AA antibody Amyloid fibrils antibody Amyloid protein A antibody Fibrils antibody MGC111216 antibody OC antibody PIG 4 antibody PIG4 antibody SAA 1 antibody SAA 2 antibody SAA antibody SAA_HUMAN antibody SAA1 antibody SAA2 antibody Serum amyloid A protein precursor antibody Serum amyloid A1 isoform 1 antibody Serum amyloid A1 isoform 2 antibody Serum amyloid protein A(4-101) antibody TP53I4 antibody Tumor protein p53 inducible protein 4 antibody
Accession No.	Swiss-Prot#:P02735
Uniprot	P02735
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	12kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The serum Amyloid A (SAA) family of proteins is encoded by multiple genes, which display allelic variation and a high degree of homology in mammals. The four members of the SAA gene family are clustered on human chromosome 11p15.1. Three SAA genes are differentially expressed and encode small apolipoproteins. SAA1 and SAA2 encode the acute phase SAAs (A-SAAs) and SAA4 encodes the constitutively expressed SAA (C-SAA). A fourth locus, SAA3, is a pseudogene that contains two C/EBP-binding sites and a third site, which interacts with SAA3 enhancer factor. Human SAA proteins are a group of apolipoproteins found predominantly in the high-density lipoprotein (HDL) fraction of plasma. SAA is a major acute-phase protein and precursor to Amyloid A protein, which is the major constituent of the fibril deposits of reactive amyloidosis. SAA is secreted in large amounts by the liver during microbial infections or inflammatory diseases.

Note: This product is for in vitro research use only