

## Serum amyloid A 4 protein Antibody FITC Conjugated

Catalog No: #C06894F

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## Description

Product Name	Serum amyloid A 4 protein Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Serum amyloid A 4 protein
Conjugates	FITC
Target Name	Serum amyloid A 4 protein
Other Names	C SAA; Constitutively expressed serum amyloid A protein; CSAA; SAA 4; SAA4; SAA4 protein; Serum amyloid A 4 protein; Serum amyloid A4 constitutive; serum amyloid A-4 protein precursor.
Accession No.	NCBI Gene ID6291
Uniprot	P35542
GeneID	6291;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

SAA4 is a constitutively expressed protein belonging to the SAA family. It is a major acute phase reactant and an apolipoprotein of the HDL complex. The serum amyloid A (SAA) superfamily comprises a number of differentially expressed genes with a high degree of homology in mammalian species. SAA4, an apolipoprotein constitutively expressed only in humans and mice, is associated almost entirely with lipoproteins of the high density range. Its physiological function is unknown and its serum concentration has no relationship with those of other major apolipoproteins. The presence of SAA4 mRNA and protein in macrophage derived foam cells of coronary and carotid arteries suggested a specific role of human SAA4 during inflammation including atherosclerosis.

**Note:** This product is for in vitro research use only