



Anti-SAA1 monoclonal antibody, clone C333A (DMAB1733MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the serum amyloid A family of apolipoproteins. The encoded protein is a major acute phase protein that is highly expressed in response to inflammation and tissue injury. This protein also plays an important role in HDL metabolism and cholesterol homeostasis. High levels of this protein are associated with chronic inflammatory diseases including atherosclerosis, rheumatoid arthritis, Alzheimer's disease and Crohn's disease. This protein may also be a potential biomarker for certain tumors. Alternate splicing results in multiple transcript variants that encode the same protein. A pseudogene of this gene is found on chromosome 11.
Specificity	Recognizes native and recombinant Human SAA.
Immunogen	Human recombinant SAA, conjugated with carrier protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	C333A
Purification	>90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs for sandwich immunoassay: Capture Detection

[DMAB1733MH](#) [DMAB1735MH](#)

[DMAB1735MH](#) [DMAB1733MH](#)

[DMAB1734MH](#) [DMAB1733MH](#)

[DMAB1733MH](#) [DMAB1734MH](#)

Centrifuge before opening to ensure complete recovery of vial contents.

Suggested pair for testing (Capture - Detection): DMAB1733MH - [DMAB1734MH](#)

Procedure	Matched Antibody Pairs
Format	Purified, Liquid
Concentration	6mg/ml (Sigma protein assay kit)
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

GENE INFORMATION

Gene Name	SAA1 serum amyloidA1 [Homo sapiens]
Official Symbol	SAA1
Synonyms	SAA; PIG4; SAA2; TP53I4; MGC111216; SAA1; serum amyloid A protein; OTTHUMP00000232000; OTTHUMP00000232001; OTTHUMP00000236629; tumor protein p53 inducible protein 4
Entrez Gene ID	6288
Protein Refseq	NP_000322
UniProt ID	P0DJI8
Chromosome Location	11p15.1
Pathway	Activated TLR4 signalling, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Folate Metabolism, organism-specific biosystem; Formyl peptide

receptors bind formyl peptides and many other ligands, organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Innate Immunity Signaling, organism-specific biosystem; MyD88 cascade initiated on plasma membrane, organism-specific bi

Function	G-protein-coupled receptor binding
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