

SAA1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3989
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human SAA1 (AA: 19-212) expressed in E. Coli.
Mol wt	13.5kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC;FCM
Concentration	N/A
Full name	N/A
Synonyms	SAA;PIG4;SAA2;TP5314

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the serum amyloid A family of apolipoproteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This 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. [provided by RefSeq, Feb 2016]

Recommended Dilution

WB: 1:500 - 1:2000

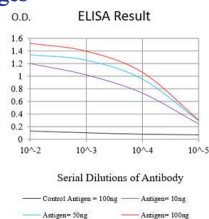
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

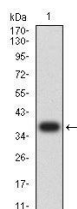
ELISA: 1:10000

Not yet tested in other applications.

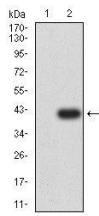
Images



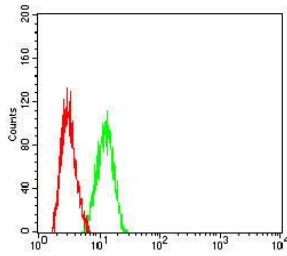
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



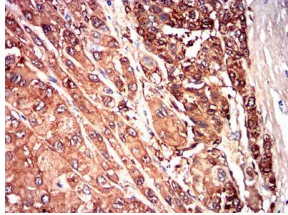
Western blot analysis using SAA1 mAb against human SAA1 (AA: 19-212) recombinant protein. (Expected MW is 37.6 kDa)



Western blot analysis using SAA1 mAb against HEK293 (1) and SAA1 (AA: 19-212)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HepG2 cells using SAA1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using SAA1 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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