

Mouse anti-Human CRP Monoclonal Antibody | anti-CRP antibody

C Reactive Protein Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268527	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CRP; Monoclonal Antibody; C Reactive Protein Mouse mAb; PTX1; C-reactive protein; anti-CRP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G1
Purity/Purification	Ascitic Fluid
Form/Format	Liquid; Ascitic fluid containing 0.03% sodium azide.
Applicable Applications for anti-CRP antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Research Field	Immunology
Product Categories	Primary antibody
Immunogen	Purified recombinant fragment of human CRP expressed in E. Coli.
Conjugation	Unconjugated
Modification	Unmodified
Preparation and Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

IMAGES



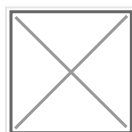
ELISA

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



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells using CRP mouse mAb (green) and negative control (red).



IHC (Immunohistochemistry)

Immunohistochemistry (IHC) analysis of paraffin-embedded liver cancer tissues using C Reactive Protein antibody with DAB staining.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CRP antibody	Serum CRP values are routinely measured to detect or monitor many human diseases and minor elevations of C-reactive protein are predictive of cardiovascular events in patients with coronary heart disease. CRP promotes host defense, is an efficient activator of the classical C cascade, and shown to be opsonic. The opsonic and C activation activities are responsible for the nonspecific host defense activities providing protection in the preimmune stage of acute infections.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55770842
NCBI GeneID	1401
NCBI Accession #	NP_000558.2
NCBI GenBank Nucleotide #	NP_000558.2
UniProt Accession #	P02741
Molecular Weight	25kDa
NCBI Official Full Name	C-reactive protein isoform 1
NCBI Official Synonym Full Names	C-reactive protein
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1
NCBI Protein Information	C-reactive protein
UniProt Protein Name	C-reactive protein
UniProt Gene Name	CRP
UniProt Synonym Gene Names	PTX1
UniProt Entry Name	CRP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/crp-antibody-clone-1g1-flow-cytometry-immunohistochemistry-elisa/268527>