

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

mAb anti-human CRP

CATALOG # AAA77919	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

CRP; Monoclonal Antibody; mAb anti-human CRP; C Reactive Protein (CRP); Mouse monoclonal antibody to human C reactive protein (CRP); anti-CRP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	67A1
Specificity	No detectable cross-reaction with human normal serum proteins.
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.0
Sequence Length	224
Applicable Applications for anti-CRP antibody	ELISA
Target Protein	Human CRP
Immunogen	Purified CRP from human pleural fluid
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Inflammatory and cardiovascular diseases
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-CRP antibody	C-reactive protein (CRP) is an acute phase protein that is comprised of five identical 23kDa subunits. The protein increases rapidly in response to inflammation, trauma and infection, and drops to normal level when the conditions no longer present. CRP plays a role in innate immunity by binding to phosphocholine on the surface of damaged cells or certain microbes, and activating the C1q complex in complement system. CRP is primarily produced by hepatocytes under the stimulation by inflammatory cytokines including IL-6 and TNF-alpha. Elevated CRP level is implicated with bacterial infection, autoimmune diseases, trauma and post-surgical complications. Study has shown that people with higher CRP baseline have a higher disposition to develop cardiovascular diseases such as heart attack and stroke.
Product Categories/Family for anti-CRP antibody	Primary antibody- Capture antibody in matched antibody pair ; Monoclonal Antibodies to Human Inflammatory Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	17975775
NCBI GeneID	1401
NCBI Official Full Name	CRP
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1
NCBI Protein Information	C-reactive protein; pentraxin 1
UniProt Protein Name	C-reactive protein
UniProt Gene Name	CRP
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-67a1-elisa/77919>