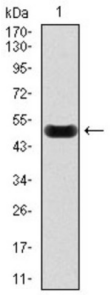
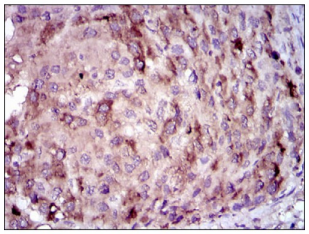
C-Reactive Protein (CRP) Antibody

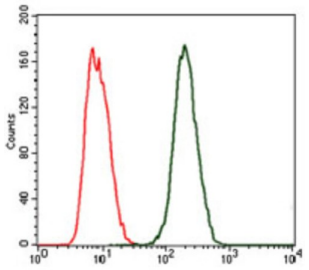
Catalogue No.:abx011707



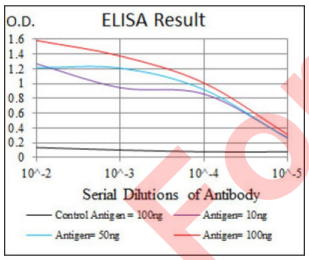
Western blot analysis using CRP antibody against human CRP recombinant protein. (AA: 1-224, Expected MW is 51 kDa).



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using CRP antibody with DAB staining.



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



ELISA analysis. Red: Control Antigen (100 ng) ; Purple: Antigen (10 ng) ; Green: Antigen (50 ng) ; Blue: Antigen (100 ng).

The protein encoded by this gene belongs to the pentaxin family. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli.

Target:	C-Reactive Protein (CRP)
Clonality:	Monoclonal

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Reactivity:	Human
Tested Applications:	ELISA, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human CRP expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P02741 (UniProt, ExPASy)
Gene Symbol:	CRP
GeneID:	1401
OMIM:	123260
HGNC:	2367
Ensembl:	ENSG00000132693
Molecular Weight:	25 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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