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Datasheet for ABIN7427447 anti-CRP antibody (AA 20-225)

2 Images



Overview

Quantity:	100 μL
Target:	CRP
Binding Specificity:	AA 20-225
Reactivity:	Guinea Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CRP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

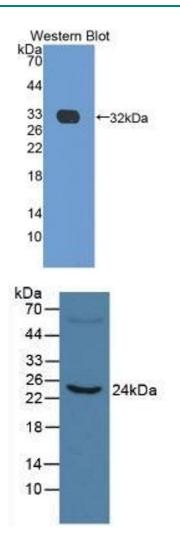
Purpose:	Monoclonal Antibody to C Reactive Protein (CRP)
Immunogen:	Recombinant C Reactive Protein (CRP) corresdonding to Gly20~Pro225 with Two N-terminal Tags, His-tag and SUMO-tag
Clone:	C5
lsotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CRP. It has been selected for its ability to recognize CRP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Protein A + Protein G affinity chromatography

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Target Details

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Target:	CRP
Alternative Name:	C Reactive Protein (CRP Products)
Background:	C-RP, PTX1, Pentraxin-Related, Pentraxin 1
Pathways:	Carbohydrate Homeostasis
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

Images



Western Blotting

Image 1. Detection of Recombinant CRP, Cavia using Monoclonal Antibody to C Reactive Protein (CRP)

Western Blotting

Image 2. Detection of CRP in Human Serum using Monoclonal Antibody to C Reactive Protein (CRP)

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