

Datasheet for ABIN7428359

**anti-Calprotectin antibody (AA 1-114)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	Calprotectin (S100A8/A9)
Binding Specificity:	AA 1-114
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Calprotectin (CALPRO)
Immunogen:	Recombinant Calprotectin (CALPRO) corresponding to Met1~Glu93 and Met1~Pro114 co-expression with N-terminal His Tag
Clone:	C6
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CALPRO. It has been selected for its ability to recognize CALPRO in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

Target:	Calprotectin (S100A8/A9)
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## Target Details

Alternative Name: Calprotectin ([S100A8/A9 Products](#))

Background: MRP-8/MRP-14, S100A8/A9

Pathways: [S100 Proteins](#)

## 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: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

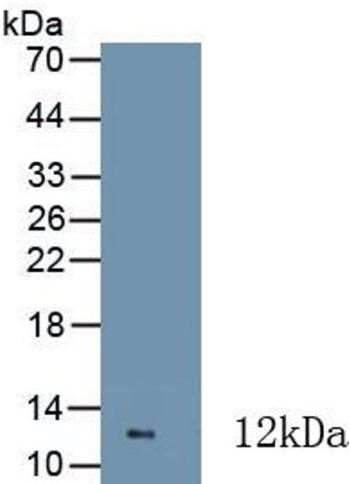
Preservative: ProClin

Precaution of Use: This product contains ProClin: 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



Western Blotting

**Image 1.** Detection of Recombinant CALPRO, Human using Monoclonal Antibody to Calprotectin (CALPRO)