

## Datasheet for ABIN966510 anti-Calprotectin antibody



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#### Overview

Quantity:	0.5 mL
Target:	Calprotectin (S100A8/A9)
Reactivity:	Human, Mouse, Monkey, Pig, Rabbit, Rat, Cat, Dog, Guinea Pig, Baboon
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Immunogen:	Affinity purified monocyte membrane preparation.
Clone:	B314-1 (MAC 387)
Isotype:	IgG1
Specificity:	This antibody reacts with macrophage L1 protein, also known as calprotectin, calgranulin, or cystic fibrosis antigen.
Purification:	Concentrated.

#### Target Details

Target:	Calprotectin (S100A8/A9)
Alternative Name:	Macrophage/L 1 Protein/Calprotectin ( <a href="#">S100A8/A9 Products</a> )
Gene ID:	3552

## Target Details

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Pathways: [S100 Proteins](#)

## Application Details

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Application Notes:	Immunohistochemistry: 1:50-1:100.  Staining Procedure: This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. This antibody may be used at a dilution 1:50-1:100 in IHC. When using routinely processed tissues, predigestion with trypsin @ 1 mg/ml PBS, 10 mins. at 37 C. or a high temperature antigenic unmasking technique (boiling tissue sections in 10 mM citrate, pH 6.0 for 10-20 mins., followed by cooling to RT for 10-20 mins.) is required. The optimal conditions should be determined by the individual laboratory.
Comment:	Cellular Localization: cytoplasmic.  Recommended Positive Control: Tonsil, Lymph Node or Spleen
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.2 mg/ml.
Buffer:	20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, pH 7.5
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

## Publications

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Product cited in: Andersen, Ladefoged, Larsen: "Acute kidney graft rejection. A morphological and immunohistological study on "zero-hour" and follow-up biopsies with special emphasis on cellular infiltrates and adhesion molecules." in: **APMIS : acta pathologica, microbiologica, et immunologica Scandinavica**, Vol. 102, Issue 1, pp. 23-37, (1994) ([PubMed](#)).