

[Go to Product page](#)

Datasheet for ABIN481652

**anti-Calprotectin antibody (Biotin)**

## Overview

Quantity:	100 µg
Target:	Calprotectin (S100A8/A9)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Calprotectin antibody is conjugated to Biotin
Application:	Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Cultured human monocytes
Clone:	27E10
Specificity:	The antigen is MRP8/14 (calprotectin), the epitope involves parts of both subunits MRP8 and MRP14. Antigen distribution: Isolated cells: Monocytes carry the antigen both on the surface and intracellularly, granulocytes exhibit it only intracellularly. Up to 80 % of monocytes in early cultures (24- 48h) are positive. No reaction has been seen with lymphocytes or platelets. Tissue sections: The antigen is found in macrophages in the red pulp of the spleen and liver. It is strongly expressed in macrophages from acute inflamed tissues (peridontitis, contact eczema, urticaria, erythrodermia) where some endothelial and epidermal cells may also express this antigen. It is normally absent on resident mononuclear phagocytes in healthy tissues (skin, gut, thymus). Specificity: Human: subpopulation of macrophages, monocytes and granulocytes, peripheral blood monocytes carry the antigen extra- and intracellularly, neutrophils only

## Product Details

	intracellularly. Other: subpopulation of macrophages of rhesus monkey and bovine tissues. The antibody does not react with swine tissues.
Purification:	Affinity purified

## Target Details

Target:	Calprotectin (S100A8/A9)
Alternative Name:	Calprotectin ( <a href="#">S100A8/A9 Products</a> )
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P  Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	0.5 mL distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS pH 7.2, 5 mg/mL BSA, and 0.05 % Kathon CG
Preservative:	Kathon CG
Storage:	4 °C
Storage Comment:	Store at 4°C.