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Datasheet for ABIN906977

## anti-S100A8/A9 Complex (Calprotectin) antibody (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	S100A8/A9 Complex (Calprotectin) (S100A8/A9)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A8/A9 Complex (Calprotectin) antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MRP8+MRP14
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	S100A8/A9 Complex (Calprotectin) (S100A8/A9)
Alternative Name:	Mrp8+Mrp14 ( <a href="#">S100A8/A9 Products</a> )
Sub Type:	Cocktail
Background:	Synonyms: MRP 14, MRP-14, MRP 8, MRP8, MRP-8, N, P14, P8, Protein S100 A8, Protein S100 A9, S100 A8, S100 A9, S100 calcium binding protein A8, S100 calcium binding protein A9,

## Target Details

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S100A8, S100A9, Urinary stone protein band A, 60B8AG, CAGA, CAGB, Calgranulin A, Calgranulin B, Calprotectin L1H subunit, Calprotectin L1L subunit, CFAG, CGLA, CGLB, CP 10, CP10, Cystic fibrosis antigen, L1AG, Leukocyte L1 complex heavy chain, Leukocyte L1 complex light chain, LIAG, MA387, MAC387, M, MRP8 + MRP14, Migration inhibitory factor related protein 14, Migration inhibitory factor related protein 8.

Background: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis. [provided by RefSeq].

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Gene ID: 85320

Pathways: [S100 Proteins](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months