

Datasheet for ABIN7308306

anti-S100A8 antibody**3** Images[Go to Product page](#)

Overview

| | |
|--------------|--|
| Quantity: | 100 µL |
| Target: | S100A8 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This S100A8 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC) |

Product Details

| | |
|------------------|---|
| Purpose: | Rabbit polyclonal antibody to MRP8 |
| Immunogen: | Recombinant full length protein of human MRP8 |
| Specificity: | Recognizes endogenous levels of MRP8 protein. |
| Characteristics: | Rabbit polyclonal antibody to MRP8 |
| Purification: | The antibody was purified by immunogen affinity chromatography. |

Target Details

| | |
|-------------------|---|
| Target: | S100A8 |
| Alternative Name: | MRP8 (S100A8 Products) |
| Background: | CAGA, CFAG, MRP8, Protein S100-A8, Calgranulin-A, Calprotectin L1L subunit, Cystic fibrosis |

Target Details

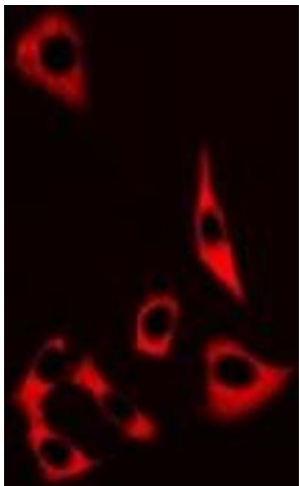
| | |
|-----------|--|
| | antigen, CFAG, Leukocyte L1 complex light chain, Migration inhibitory factor-related protein 8, MRP-8, p8, S100 calcium-binding protein A8, Urinary stone protein band A |
| Gene ID: | 6279, 116547 |
| UniProt: | P05109 , P50115 |
| Pathways: | Transition Metal Ion Homeostasis , Positive Regulation of Endopeptidase Activity , S100 Proteins |

Application Details

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|--------------------|--|
| Application Notes: | WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200) |
| Restrictions: | For Research Use only |

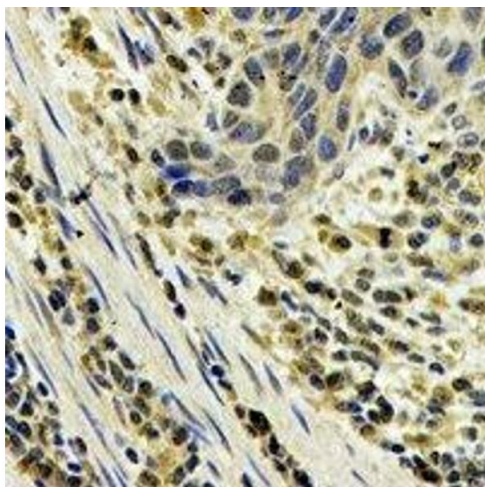
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. |
| 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: | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |
| Expiry Date: | 12 months |



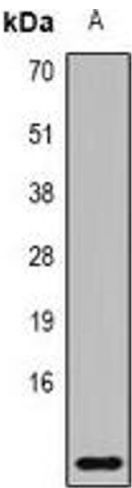
Immunofluorescence

Image 1. Immunofluorescent analysis of MRP8 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Immunohistochemistry

Image 2.



Western Blotting

Image 3. Western blot analysis of MRP8 expression in THP1 (A) whole cell lysates.