# Recombinant S100A8 Monoclonal Antibody

## Description

This Recombinant S100A8 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|---|---|
| **SKU:** | RMEA1341 |
| **Contents:** | Recombinant S100A8 Monoclonal Antibody (50 µL, 100 µL)<br>Bradford Reagent: 1 vial (2ml) |
| **Clone:** | C121341 |
| **Applications:** | WB, IHC, FCM |
| **Reactivity:** | Human, Mouse, Rat |

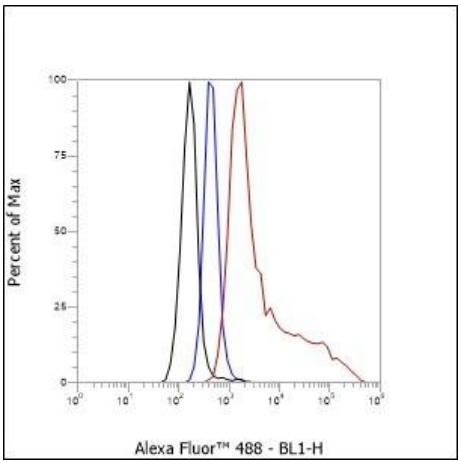
## Antibody Data

| | |
|---|---|
| **Uniprot ID:** | P05109 |
| **Size:** | 50 µL, 100 µL |
| **Host Species:** | Rabbit |
| **Isotype:** | Rabbit IgG |
| **Conjugation:** | Unconjugated |
| **Buffer:** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

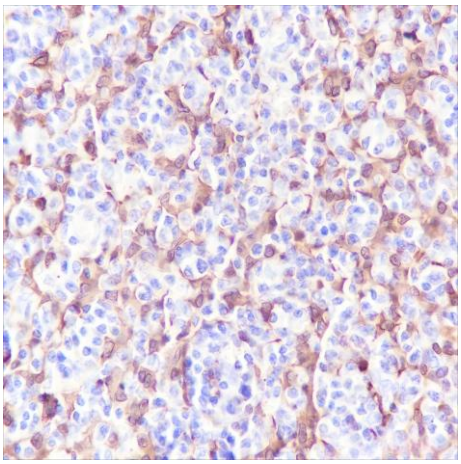
## Preparation & Storage

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|---|---|
| **Storage:** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year. |
| **Shipping:** | Gel Pack |
| **Preparation:** | WB 1:500-1:1000, IHC 1:200-1:1000, FCM 1:50-1:100 |
| **Protein Quantification (Optional):** | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol |
| **Notes:** | Centrifuge before opening to ensure complete recovery of vial contents. |

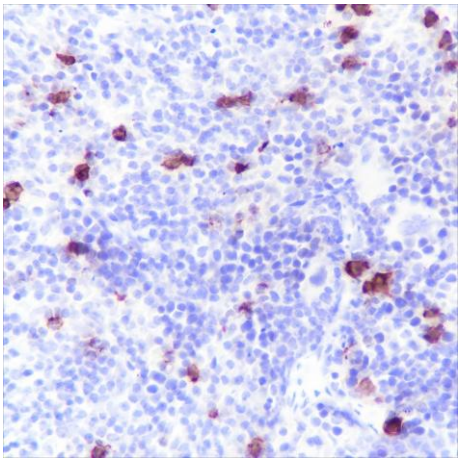
## Validation Data



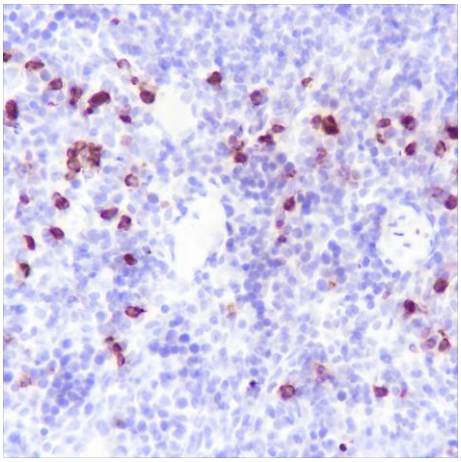

Flow cytometric analysis of human S100A8 expression on THP-1 cells. Cells were stained with purified anti- Human S100A8, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



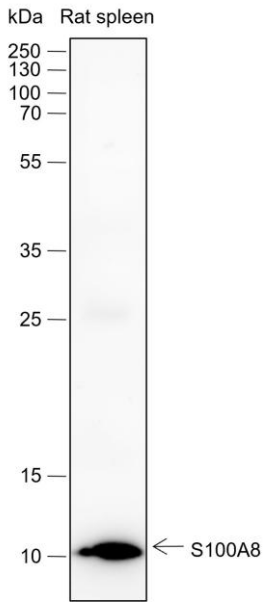
Immunohistochemistry of paraffin-embedded Human tonsil using S100A8 Monoclonal Antibody at dilution of 1: 1000.



Immunohistochemistry of paraffin-embedded Mouse spleen using S100A8 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat spleen using S100A8 Monoclonal Antibody at dilution of 1:1000.




Western Blot with S100A8 Monoclonal Antibody at dilution of 1: 1000. Lane 1: Rat spleen Observed-MW:11 kDa Calculated-MW:11 kDa

**Manufacturers Statement**

This final kit system is assembled and quality-released by Assay Genie Limited.