

## S100A8 Antibody

**CAB15315**

### Description

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This S100A8 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:** CAB15315

**Contents:** 20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** P8, MIF, NIF, CAGA, CFAG, CGLA, L1Ag, MRP8, CP-10, MA387, 60B8AG, S100-A8, S100A8

**Clone:** -

**Applications:** WB IHC-P IF/ICC ELISA IF-P

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 6279

**Uniprot:** AB\_2762216

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 11kDa

**Calculated MW:** 11kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

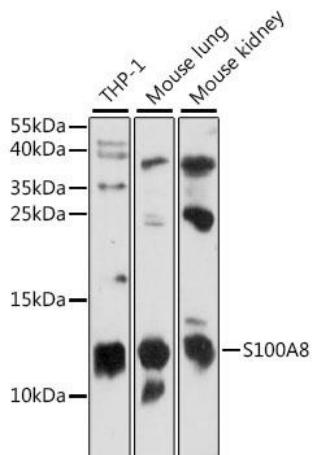
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** THP-1, Mouse lung, Mouse kidney

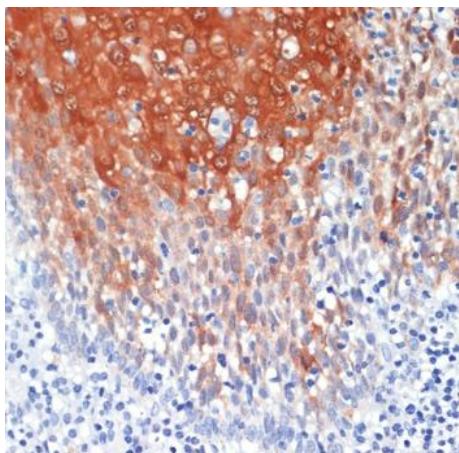
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>IF/ICC</b>	1:50 - 1:100
	<b>IF-P</b>	1:50 - 1:100
	<b>IHC-P</b>	1:50 - 1:100
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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

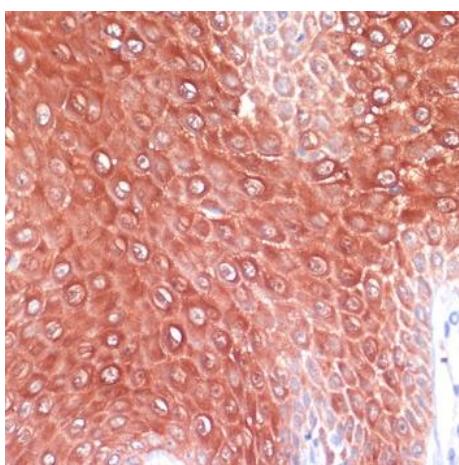
## Validation Data



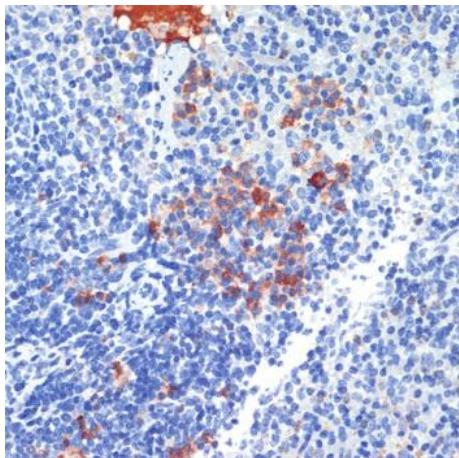
Western blot analysis of various lysates using S100A8 Rabbit pAb (CAB15315) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 90s.



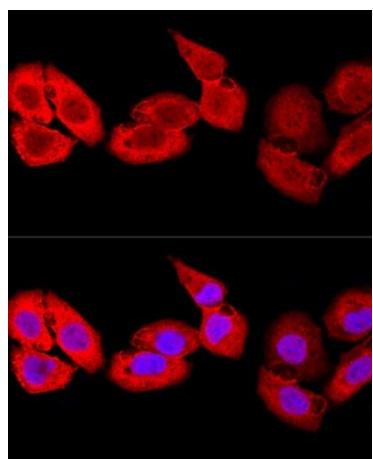
Immunohistochemistry analysis of paraffin-embedded Human tonsil using S100A8 Rabbit pAb (CAB15315) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human skin using S100A8 Rabbit pAb (CAB15315) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using S100A8 Rabbit pAb (CAB15315) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Confocal immunofluorescence analysis of U-2 OS cells using S100A8 Rabbit pAb (CAB15315) at dilution of 1:100. Blue: DAPI for nuclear staining.