

## Datasheet

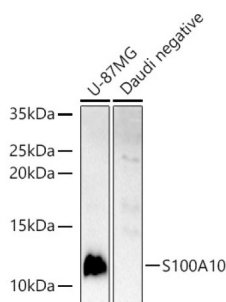
Version: 4.0.0

Revision date: 28 Sep 2025

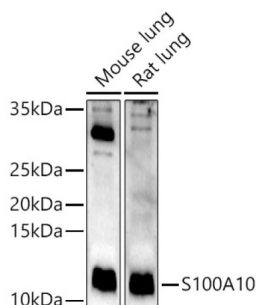


### Protein S100-A10 (S100A10) Antibody

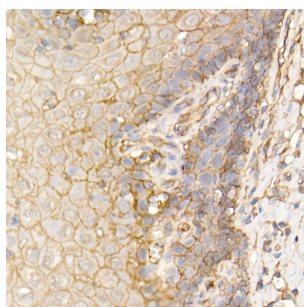
Catalogue No.: abx001619



Western blot analysis of various lysates using S100A10 Antibody at 1/400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



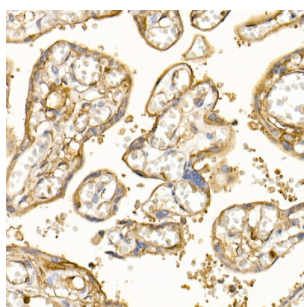
Western blot analysis of various lysates using S100A10 Antibody at 1/400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human esophagus using S100A10 Antibody at dilution of 1/100 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.



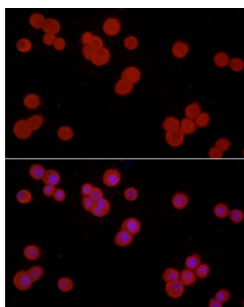
Immunohistochemistry analysis of paraffin-embedded Human lung using S100A10 Antibody at dilution of 1/100 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.



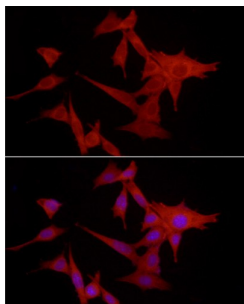
Immunohistochemistry analysis of paraffin-embedded Human placenta using S100A10 Antibody at dilution of 1/100 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.

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Immunofluorescence analysis of HT-29 cells using S100A10 Antibody at dilution of 1/50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using S100A10 Antibody at dilution of 1/50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

S100A10 Antibody is a Rabbit Polyclonal antibody against S100A10. 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 exocytosis and endocytosis.

|                               |                                                                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Protein S100-A10 (S100A10)                                                                                                                                                    |
| <b>Clonality:</b>             | Polyclonal                                                                                                                                                                    |
| <b>Reactivity:</b>            | Human, Mouse, Rat, Monkey                                                                                                                                                     |
| <b>Tested Applications:</b>   | ELISA, WB, IHC, IF/ICC                                                                                                                                                        |
| <b>Host:</b>                  | Rabbit                                                                                                                                                                        |
| <b>Recommended dilutions:</b> | ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F.<br>Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                                                                                                                                  |
| <b>Immunogen:</b>             | Recombinant fusion protein containing a sequence corresponding to amino acids 1-97 of human S100A10.                                                                          |
| <b>Isotype:</b>               | IgG                                                                                                                                                                           |
| <b>Form:</b>                  | Liquid                                                                                                                                                                        |

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|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification:</b>       | Purified by affinity chromatography.                                                                                                       |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | P60903 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>Gene Symbol:</b>        | S100A10                                                                                                                                    |
| <b>GeneID:</b>             | <a href="#">6281</a>                                                                                                                       |
| <b>NCBI Accession:</b>     | NP_002957.1                                                                                                                                |
| <b>KEGG:</b>               | hsa:6281                                                                                                                                   |
| <b>String:</b>             | <a href="#">9606.ENSP00000357801</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Calculated MW: 11 kDa<br>Observed MW: 11 kDa                                                                                               |
| <b>Buffer:</b>             | PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.                                                                                   |
| <b>Concentration:</b>      | > 0.2 mg/ml                                                                                                                                |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |