

## Anti-S100P Rabbit Monoclonal Antibody

Catalog Number: M01963

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## Overview

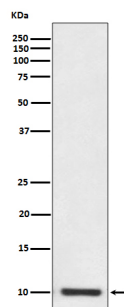
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-S100P Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactive Species     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Description          | Boster Bio Anti-S100P Rabbit Monoclonal Antibody catalog # M01963. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.                                                                                                                                                                                                                                                                                                    |
| Application          | IP, IF, IHC, ICC, WB                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality            | Monoclonal A0CH-19                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formulation          | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                         |
| Host                 | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Uniprot ID           | P25815                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Technical Details

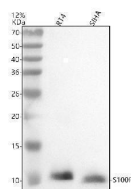
|                     |                                                |
|---------------------|------------------------------------------------|
| Immunogen           | A synthesized peptide derived from human S100P |
| Isotype             | Rabbit IgG                                     |
| Form                | Liquid                                         |
| Concentration       | 0.5mg/ml                                       |
| Purification        | Affinity-chromatography                        |
| Suggested Dilutions | WB 1:500-2000                                  |

|  |                                            |
|--|--------------------------------------------|
|  | IHC 1:50-200<br>ICC/IF 1:50-200<br>IP 1:20 |
|--|--------------------------------------------|

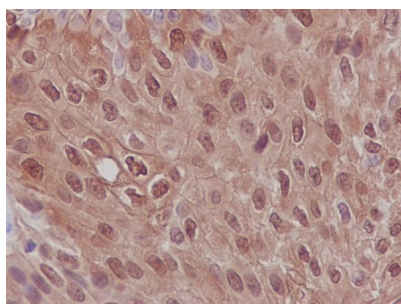
## Anti-S100P Rabbit Monoclonal Antibody (M01963) Images



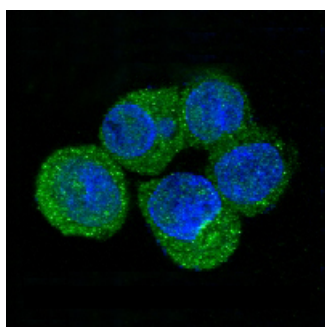
Western blot analysis of S100P expression in SW480 cell lysate.



Western blot analysis of S100P using anti-S100P antibody (M01963). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human RT4 whole cell lysates, Lane 2: human SIHA whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-S100P antigen affinity purified monoclonal antibody (M01963) at 1:500 overnight at 4°C, then washed with TBS-10% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for S100P at approximately 10 kDa. The expected band size for S100P is at 10 kDa.



Immunohistochemical analysis of paraffin-embedded human bladder carcinoma, using S100P Antibody.



Immunofluorescent analysis of SW480 cells, using S100P Antibody.

Anti-S100P Rabbit Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.