BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-S100B/S100 Beta Rabbit Monoclonal Antibody

Catalog Number: M00979-1

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-S100B/S100 Beta Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-S100B/S100 Beta Rabbit Monoclonal Antibody catalog # M00979-1. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal BCB-19
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. 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	P04271

Technical Details

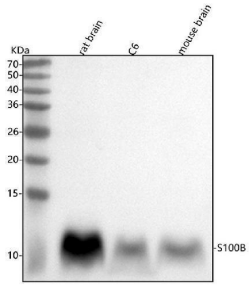
Immunogen	A synthesized peptide derived from human S100B
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

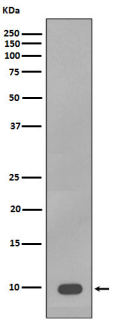
	IHC, 1:50-200 ICC/IF, 1:50-200 IP, 1:20

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

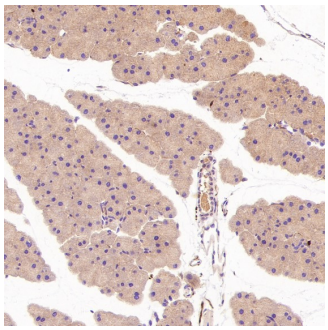
Anti-S100B/S100 Beta Rabbit Monoclonal Antibody (M00979-1) Images



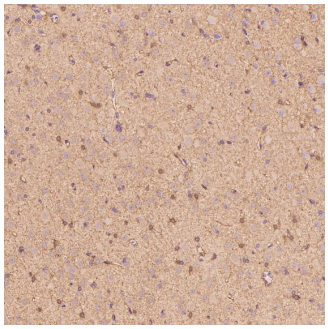
Western blot analysis of S100B using anti-S100B antibody (M00979-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat brain tissue lysates, Lane 2: rat C6 whole cell lysates, Lane 3: mouse brain tissue 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-S100B antigen affinity purified monoclonal antibody (Catalog # M00979-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for S100B at approximately 11 kDa. The expected band size for S100B is at 11 kDa.



Western blot analysis of S100B expression in A375 cell lysate.

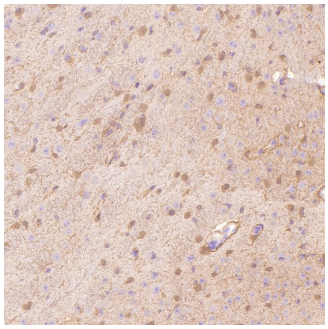


Immunohistochemical analysis of paraffin-embedded Mouse pancreas, using the Antibody at 1:500 dilution.

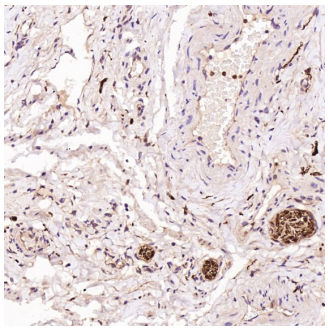


Immunohistochemical analysis of paraffin-embedded Rat cerebral cortex, using the Antibody at 1:500 dilution.

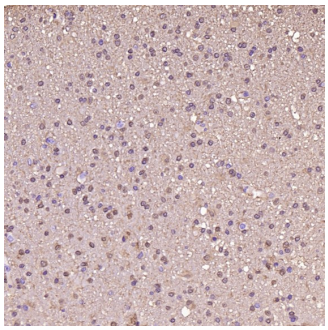
BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com



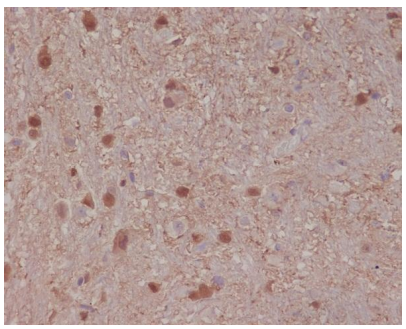
Immunohistochemical analysis of paraffin-embedded Mouse hippocampus , using the Antibody at 1:500 dilution.



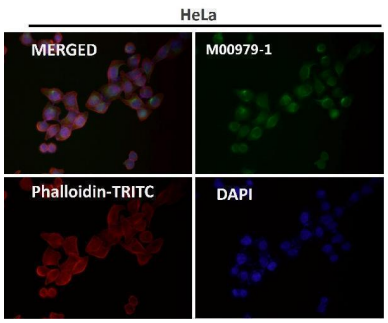
Immunohistochemical analysis of paraffin-embedded Human testis cancer, using the Antibody at 1:250 dilution.



Immunohistochemical analysis of paraffin-embedded Human glioblastoma, using the Antibody at 1:250 dilution.

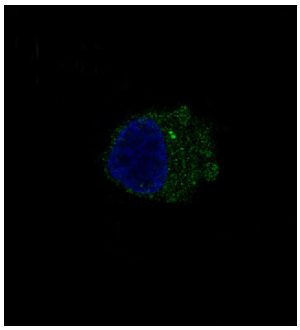


Immunohistochemical analysis of paraffin-embedded rat brain, using S100B Antibody.

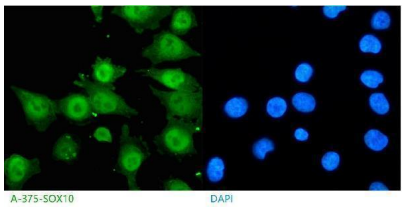


Immunofluorescent analysis using the Antibody at 1:50 dilution.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com



Immunofluorescent analysis of A375 cells, using S100B Antibody .



IF analysis of S100B using anti-S100B antibody (M00979-1) . S100B was detected in an immunocytochemical section of rat C6 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes and then treated with a membrane permeabilization agent (AR0205) for 5 minutes.The cells were blocked with 10% goat serum. And then incubated with rabbit anti-S100B Antibody (M00979-1) at a dilution of 10 ug/mL overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG (BA1127) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

14 Publications Citing This Product

1. PubMed ID: 25666351, Chen Q, Zhang Z, Liu J, He Q, Zhou Y, Shao G, Sun X, Cao X, Gong A, Jiang P. Mol Cells. 2015 Mar;38(3):221-8. Doi: 10.14348/Molcells.2015.2170. Epub 2015 Feb 4. A Fibrin Matrix Promotes The Differentiation Of Emscs Isolated From Nasal Respiratory ...

2. PubMed ID: 26171155, Tang J, Li Q, Cheng B, Huang C, Chen K. Biomed Rep. 2015 Jul;3(4):499-502. Epub 2015 May 27. Effects Of Diethylstilbestrol On The Proliferation And Tyrosinase Activity Of Cultured Human Melanocytes.

3. PubMed ID: 25538758, Xue B, Sun L, Li X, Wang X, Zhang Y, Mu Y, Liang L. Neural Regen Res. 2012 Oct 25;7(30):2340-6. Doi: 10.3969/J.Issn.1673-5374.2012.30.003. Ginsenoside Rb1 Relieves Glucose Fluctuation-Induced Oxidative Stress And Apoptosis In Schwann Cells.

Visit bosterbio.com/anti-s100b-rabbit-monoclonal-antibody-m00979-1-boster.html to see all 14 publications.

Anti-S100B/S100 Beta Rabbit Monoclonal Antibody

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