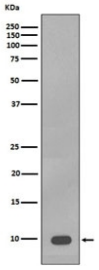
S100 beta Antibody [clone BCB-19] (RQ5049)

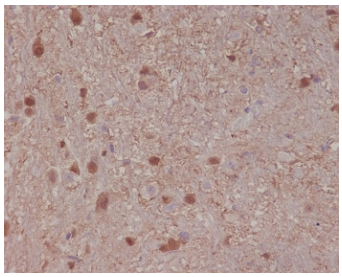
Catalog No.	Formulation	Size
RQ5049	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

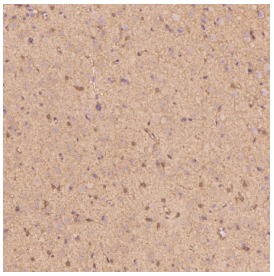
Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	BCB-19
Purity	Affinity purified
UniProt	P04271
Localization	Nuclear, cytoplasmic
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:50-1:200 Immunofluorescence: 1:50-1:200
Limitations	This S100 beta antibody is available for research use only.



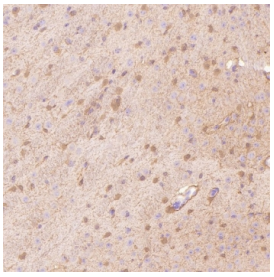
Western blot testing of human A375 cell lysate with S100 beta antibody. Predicted molecular weight ~11 kDa.



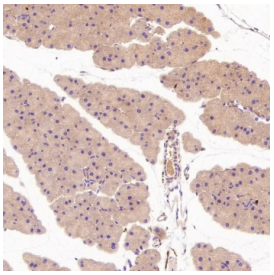
IHC staining of FFPE rat brain tissue with S100 beta antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



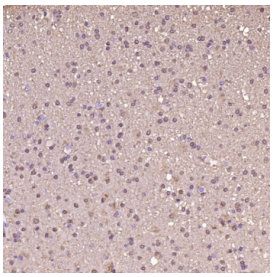
IHC staining of FFPE rat cerebral cortex tissue with S100 beta antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



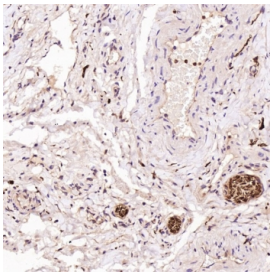
IHC staining of FFPE mouse hippocampus tissue with S100 beta antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



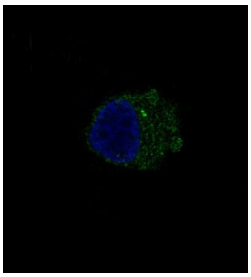
IHC staining of FFPE mouse pancreas tissue with S100 beta antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



IHC staining of FFPE human glioblastoma tissue with S100 beta antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



IHC staining of FFPE human testis cancer tissue with S100 beta antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Immunofluorescent staining of human A375 cells with S100 beta antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

The protein encoded by the S100B 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. [RefSeq]

Application Notes

Optimal dilution of the S100 beta antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human S100 beta / S100B was used as the immunogen for the S100 beta antibody.

Storage

Store the S100 beta antibody at -20oC.

Copyright © NSJ Bioreagents. All rights reserved.