

Product Datasheet

S100B Antibody (orb1151729)

Catalog Number	orb1151729
Description	Mouse monoclonal antibody to S100B
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC-P
Immunogen	A portion of amino acids 3-92 was used as the immunogen for the S100B antibody.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Optimal dilution of the S100B antibody should be determined by the researcher.
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
Isotype	Mouse IgG1, kappa
Clonality	Monoclonal
Clone Number	S100B/4139
Antibody Type	Primary Antibody
Uniprot ID	P04271
Hazard Information	This S100B antibody is available for research use only.
Dilution Range	Immunohistochemistry (FFPE): 1-2ug/ml

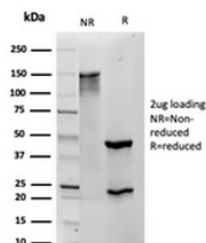
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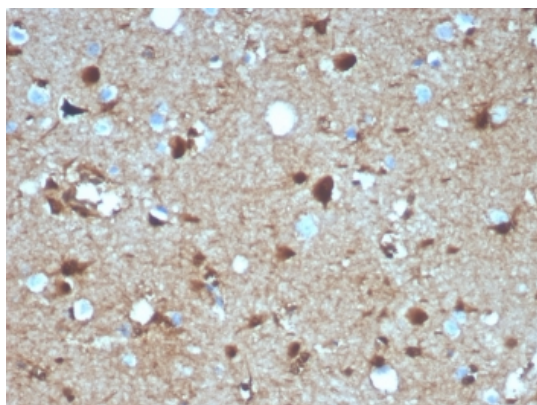
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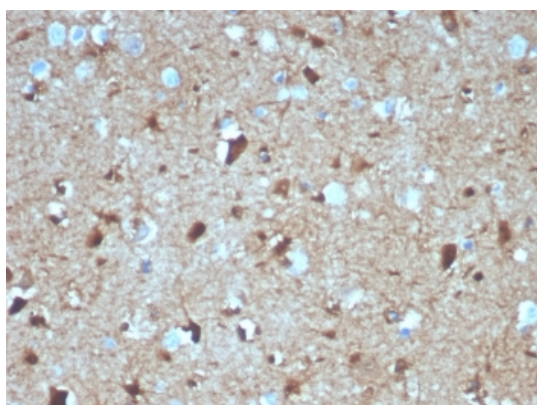
Expiration Date 12 months from date of receipt.



SDS-PAGE analysis of purified, BSA-free S100B antibody (S100B/4139) as confirmation of integrity and purity.



IHC staining of FFPE human brain tissue with S100B antibody (clone S100B/4139). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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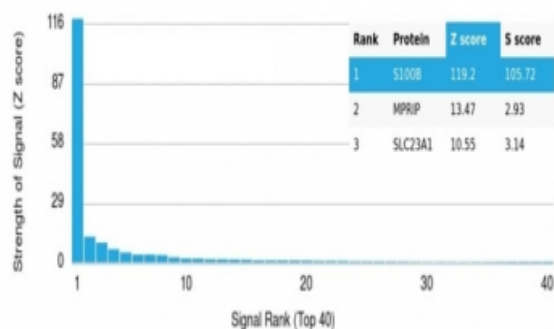
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Human Protein Microarray Specificity Validation



Analysis of HuProt (TM) microarray containing more than 19000 full-length human proteins using S100B antibody (clone S100B/4139). These results demonstrate the foremost specificity of the S100B/4139 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt (TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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