

Product Name: S100B (5G3) Mouse Monoclonal Antibody
Catalog #: AMM03549



Summary

Production Name	S100B (5G3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	S100B
Alternative Names	NEF; Protein S100 B; Protein S100-B; S 100 calcium binding protein beta chain; S 100 protein beta chain; S-100 protein beta chain; S-100 protein subunit beta; S100; S100 calcium binding protein beta (neural); S100 calcium-binding protein B; S100 protein beta chain; S100B; S100B_HUMAN; S100beta.
Gene ID	6285
SwissProt ID	P04271

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 11 kDa; Observed MW: 11 kDa

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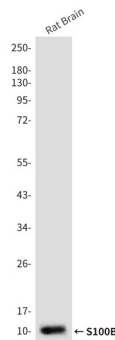
Background

Despite their relatively small size (8-12 kDa) and uncomplicated architecture, S100 proteins regulate a variety of cellular processes such as cell growth and motility, cell cycle progression, transcription, and differentiation. To date, 25 members have been identified, including S100A1-S100A18, trichohyalin, filaggrin, repetin, S100P, and S100Z, making it the largest group in the EF-hand, calcium-binding protein family.

Research Area

Cell Biology

Image Data



Western blot analysis of S100B (5G3) in rat Brain lysates using S100B antibody.

Note

For research use only.