

Product Datasheet

S100B Mouse mAb

Catalog No: AB3377

Reactivity: Rat

Isotype: Mouse IgG2b

Applications: WB



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Information

UniProt ID: P04271

All Names: NEF; Protein S100 B; Protein S100-B; S100; S100 calcium-binding protein B; S100 protein beta chain; S100B; S100beta.

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

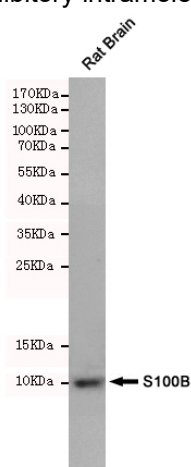
Molecular Wt.: 10KDa

Application

WB 1:500

Background

Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites. Binds to and initiates the activation of STK38 by releasing autoinhibitory intramolecular interactions within the kinase.



Western blot analysis of extracts from Rat Brain cell lysates using S100B mouse mAb (1:500 diluted). Predicted band size: 10kDa. Observed band size: 10kDa.

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