

**S100B (5G3) Mouse mAb (PBS Only)**

db6293-PBS

Package : 可询价

**Product Name** : S100B (5G3) Mouse mAb (PBS Only)**Cat.No.:** db6293-PBS**Synonyms** : NEF; S100; S100-B; S100beta**Application** : WB**Reactivity** : Rat**Host species** : Mouse**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. Interaction with AGER after myocardial infarction may play a role in myocyte apoptosis by activating ERK1/2 and p53/TP53 signaling. Could assist ATAD3A cytoplasmic processing, preventing aggregation and favoring mitochondrial localization. May mediate calcium-dependent regulation on many physiological processes by interacting with other proteins, such as TPR-containing proteins, and modulating their activity.

**Immunogen**

Human S100B synthetic peptide conjugated to KLH

**Gene ID**

6285

**Swiss Prot**

P04271

**Synonyms**

NEF; S100; S100-B; S100beta

**Reactivity**

Rat

**Application**

WB

**Calculated MW**

11 kDa

**Observed MW**

11 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

5G3-C11

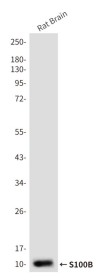
**Isotype**

IgG2b

**Purity**

Affinity Purification

|                   |                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conjugation       | Un-conjugated                                                                                                                                             |
| Concentration     | 1 mg/mL                                                                                                                                                   |
| Formulation       | PBS Only                                                                                                                                                  |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



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