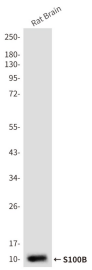
S100B (5G3) Mouse mAb (PBS Only)

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.