

S100 Rabbit mAb

Catalog No: #59432

Package Size: #59432-1 50ul #59432-2 100ul

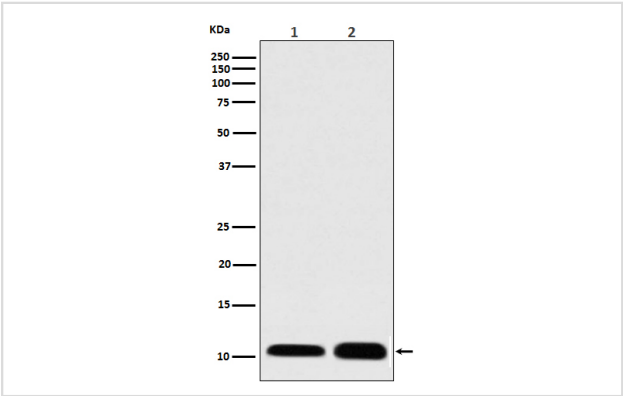
Description

Product Name	S100 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC IP FC
Species Reactivity	Human Mouse
Specificity	S100 Antibody detects endogenous levels of total S100
Immunogen Description	A synthesized peptide derived from human S100
Other Names	Bpb; NEF; Protein S100-A1; S100 beta; S100 calcium binding protein A1; S100A; S100B; 100beta;
Accession No.	Uniprot:P23297
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

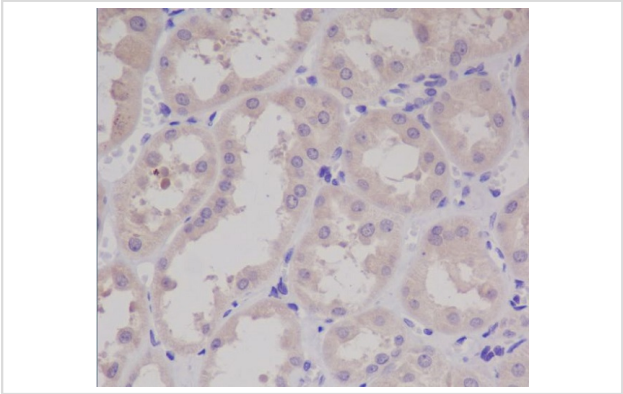
Application Details

WB 1:500~1:1000 IHC 1:100~1:500 IP 1:50 FC 1:50

Images



Western blot analysis of S100 expression in (1) Human skeletal muscle lysate; (2) RAW 264.7 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using S100 Antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.