

Product Datasheet

S100 Antibody



Catalog No: CY6849

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC IP FC

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Information

UniProt ID: P23297

All Names: Bpb; NEF; Protein S100-A1; S-100 protein alpha chain; S100 alpha; S100 beta; S100 calcium binding protein A1; S100 calcium binding protein B; S100 protein alpha polypeptide; S100A; S100B; 100beta;

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.: 11 kDa

Application

WB 1:500~1:1000

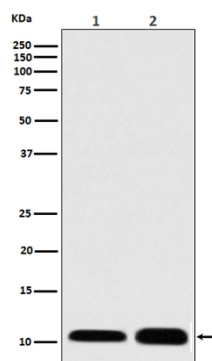
IHC 1:100~1:500

IP 1:50

FC 1:50

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.



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

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