

PAC009Hu01

Polyclonal Antibody to S100 Calcium Binding Protein A2 (S100A2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 200µL

Cross Reactivity: Porcine.

Applications: WB.

[IMMUNOGEN]

Immunogen: Recombinant S100A2 (Met2~Pro98) expressed in *E.coli*

Accession No.: RPC009Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

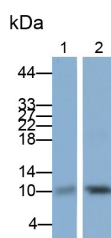
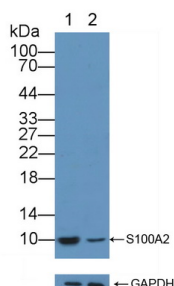
Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



Knockout Varification:

Lane 1: Wild-type BXP3 cell lysate;
Lane 2: S100A2 knockout BXP3 cell
lysate;

Predicted MW: 11kd

Observed MW: 10kd

Primary Ab: 3µg/ml Rabbit Anti-Human
S100A2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

Western Blot; Samples: Lane1: Porcine

Esophagus lysate; Lane2: HaCaT cell
lysate;

Primary Ab: 0.15µg/ml Rabbit Anti-
Human S100A2 Antibody

Second Ab: 0.2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.