MAB793Hu22

Monoclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PRODUCT INFORMATION]

Immunogen: S100A9, Human

Clonality: Monoclonal

Clone number: C1

Host: Mouse

Immunoglobulin Type: IgG1 kappa

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant S100A9 (Met1~Pro114) with N-terminal His-Tag expressed in *E.coli*.

Accession No.: RPB793Hu01

[ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against S100A9. It has been selected for its ability to recognize S100A9 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN$_3$, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant S100A9 (Met1~Pro114) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemilumescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN$_3$ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

[IMAGES]
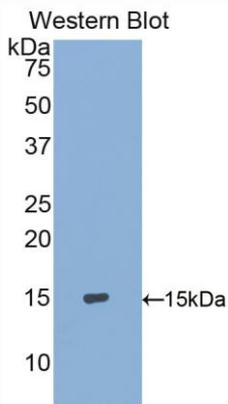
Used in Western Blot, Sample:

Recombinant S100A9, Human