

A91793Ra01
Polyclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

[PRODUCT INFORMATION]

Immunogen: S100A9

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Rat

Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

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

Form: Liquid

Size: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant rat S100A9 (Met1~Lys113) expressed in *E.coli*.

Molecular Weight: 14.4 kDa

USCN accession No.: P91793Ra01

Sequence: The target protein is fused with a His-tag and its sequence is listed below.

MGHHHHHSGS-MAAKTGSQLE RSISTIINVF HQYSRKYGHP DTLNKAEFKE MVNKDLPNFL KREKRNENLL RDIMEDLDTN
QDNQLSFEEC MMLMGKLIFA CHEKLHENNP RGHDSHSHGKG CGK



[ANTIBODY SPECIFICITY]

Anti S100A9 is a rabbit polyclonal antibody raised against rat S100A9. This antibody has been selected for its ability to recognize rat S100A9 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[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

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[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.

