

MAB769Mu21**Monoclonal Antibody to S100 Calcium Binding Protein A6 (S100A6)****Organism Species: Mus musculus (Mouse)*****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:** S100A6, Mouse**Clonality:** Monoclonal**Clone number:** C4**Host:** Rat**Immunoglobulin Type:** IgG1 Kappa**Purification:** Affinity Chromatography.**Applications:** WB, ICC, IHC-P, IHC-F, ELISA**Concentration:** 500µg/mL**UOM:** 200µg**[IMMUNOGEN INFORMATION]****Immunogen:** Recombinant S100A6 (Met1~Lys89) with N-terminal His-Tag expressed in *E.coli*.**Accession No.:** RPB769Mu01**[ANTIBODY SPECIFICITY]**

The antibody is a rat monoclonal antibody raised against S100A6. It has been selected for its ability to recognize S100A6 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% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant S100A6 (Met1~Lys89) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

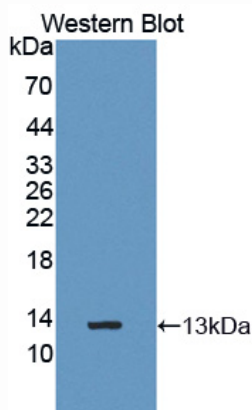
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 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 S100A6, Mouse