

Anti-S100A6 Antibody Mouse Monoclonal Antibody Catalog # AP53481

Specification

Anti-S100A6 Antibody - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype Immunogen

Purification Calculated MW WB <u>P06703</u> <u>NM_014624</u> Human Mouse Monoclonal IgG1 Purified recombinant human S100A6 protein expressed in E.coli. Affinity purified 10KDa KDa

Anti-S100A6 Antibody - Additional Information

Gene ID 6277

Other Names

2A9;5B10;CABP;CACY;Calcyclin;Growth factor inducible protein 2A9;Growth factor-inducible protein 2A9;MLN 4;MLN4;OTTHUMP00000015472;OTTHUMP00000015473;PRA;PRAGrowth factor inducible protein 2A9;Prolactin receptor associated protein;Prolactin receptor-associated protein;Protein S100 A6;Protein S100-A6;S100 A6;S100 calcium binding protein A6 (calcyclin);S100 calcium binding protein A6;S100 calcium-binding protein A6;S100A6;S10A6_HUMAN.

Dilution WB~~1:1000

Format

Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Anti-S100A6 Antibody - Protein Information

Name S100A6

Synonyms CACY

Function

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a



role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative.

Cellular Location

Nucleus envelope. Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side

Anti-S100A6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-S100A6 Antibody - Images



Western blot detection of S100A6 in COS7,MCF7,HCT116 and A549 cell lysates using S100A6 mouse mAb (1:1000 diluted).Predicted band size:10KDa.Observed band size:10KDa.

Anti-S100A6 Antibody - Background

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganizati