

DATASHEET

S100-A6 Mouse Monoclonal Antibody(C3416)

CAT. NO. AMA03028

KEY FEATURES

Target	S100-A6	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

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 reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

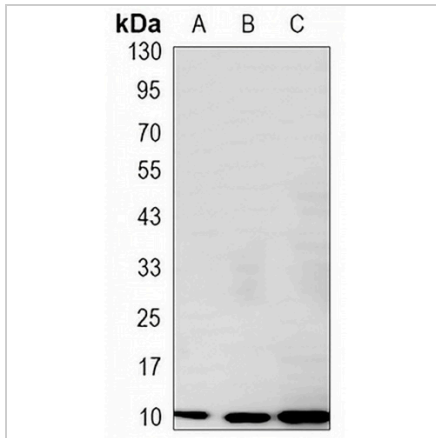
Description	Mouse monoclonal antibody to S100-A6
Specificity	Recognizes endogenous levels of S100-A6 protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human S100A6 protein expressed in E.coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 10 kD; Observed: 10 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	CACY; Protein S100-A6; Calcyclin; Growth factor-inducible protein 2A9; MLN 4; Prolactin receptor-associated protein; PRA; S100 calcium-binding protein A6
Gene Symbol	S100A6
Entrez Gene	6277(Human)
SwissProt	P06703(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of S100-A6 expression in COS7 (A), MCF7 (B), HCT116 (C), A549 (D) whole cell lysates. (Predicted band size: 10 kD; Observed band size: 10 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.