

## DATASHEET

# Myc-tag Mouse Monoclonal Antibody(C782)

CAT. NO. AMA00394

### KEY FEATURES

Target	Myc-tag	Source / Host	Mouse
Reactivity		Clonality	Monoclonal
Applications	WB, IF/ICC, IP	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

The Myc-tag is a polypeptide protein tag derived from the c-myc gene product (EQKLISEEDL), used for affinity chromatography, then used for separation, identification, and detection of recombinant proteins. Myc-tag is commonly added to either the N- or C-terminus of a recombinant protein and recognized by anti-Myc antibodies in Western blot, IP, IF, IHC, and FACS.

### APPLICATION

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

WB	1:2000 - 1:5000
IF/ICC	1:200 - 1:500
IP	1:100 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Recombinant mouse monoclonal antibody to Myc-tag
Specificity	Recognizes Myc-tag fusion proteins.
Antibody Type	Primary antibody, Recombinant, Tag
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of Myc-tag. The exact sequence is proprietary.
Purification	This antibody is purified by protein A affinity chromatography.
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.

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

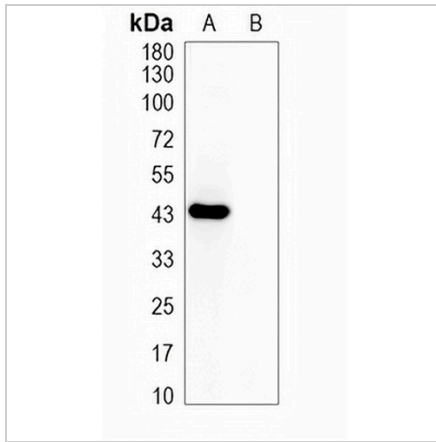
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

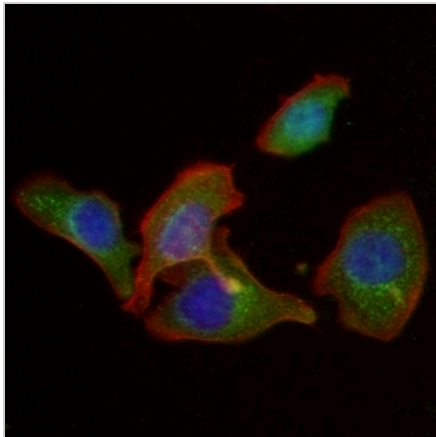
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**DATA**



Western blot analysis of Myc-tag in 293F transfected with a vector overexpressing Myc tag (A), 293F transfected with an empty vector (B).



Immunofluorescent analysis of Myc-tag staining in 293T cells transfected with a Myc-tag protein. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 488 - conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AREX® Fluor 594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

**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.