DATASHEET

HA-tag Mouse Monoclonal Antibody(C2044)

CAT. NO. AMA01656

KEY FEATURES

Target	HA-tag	Source / Host	Mouse
Reactivity		Clonality	Monoclonal
Applications	WB, IF/ICC, IP	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

The HA-tag is a nine-amino-acid peptide (YPYDVPDYA) derived from the human influenza hemagglutinin (HA) protein. It is one of the most widely used epitope tags for detection, immunoprecipitation, and purification of recombinant proteins. The tag does not appear to interfere with the bioactivity or biodistribution of recombinant proteins, and HA-tag antibodies are commonly used in Western blot, IHC, IF, ChIP, and FACS applications.

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	Mouse monoclonal antibody to HA-tag
Specificity	Recognizes C-terminal, internal, and N-terminal HA-tag fusion proteins.
Antibody Type	Primary antibody,Tag
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of HA-tag. The exact sequence is proprietary.
Purification	Affinity chromatography
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, 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 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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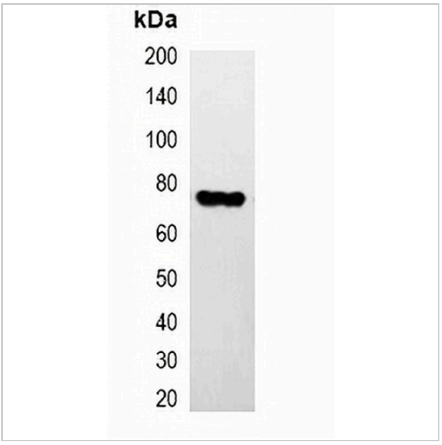
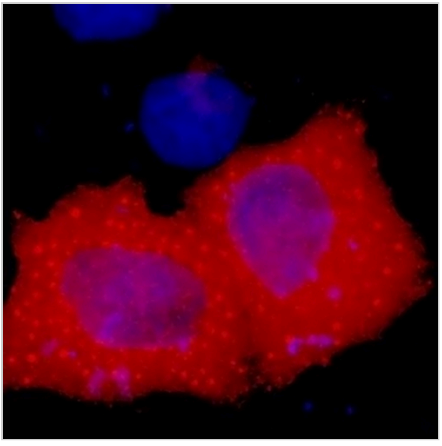
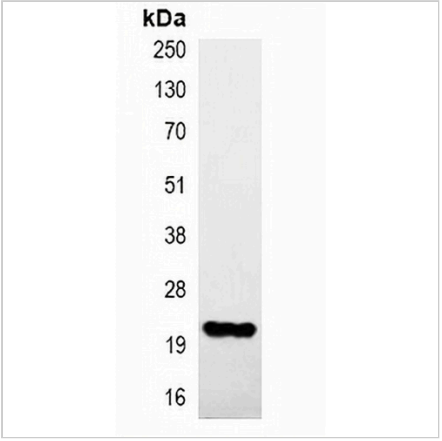
DATA



Western blot analysis of over-expressed HA-tagged protein in 293T cell lysate.



Immunofluorescent analysis of HA-tag staining in 293T cells transfected with a HA-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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunoprecipitation of HA-tagged protein from HEK293T cells transfected with vector overexpressing HA tag, using Anti-HA-tag Antibody.

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.