

## DATASHEET

# HA-tag Rabbit Monoclonal Antibody(C771)

CAT. NO. AMA00383

### KEY FEATURES

Target	HA-tag	Source / Host	Rabbit
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 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	1:5000 - 1:20000
IF/ICC	1:300 - 1:1000
IP	1:50 - 1:200

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

### PRODUCT OVERVIEW

Description	Recombinant rabbit monoclonal antibody HA-tag
Specificity	Recognizes the HA-tag fused to the amino- or carboxy- termini of targeted proteins in transfected or transformed cells.
Antibody Type	Primary antibody, Recombinant, Tag
Immunogen	KLH-conjugated synthetic peptide YPYDVPDYA.
Purification	The antibody was purified by immunogen affinity chromatography.
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.
Alternative Names	HA epitope tag; hemagglutinin

\*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.

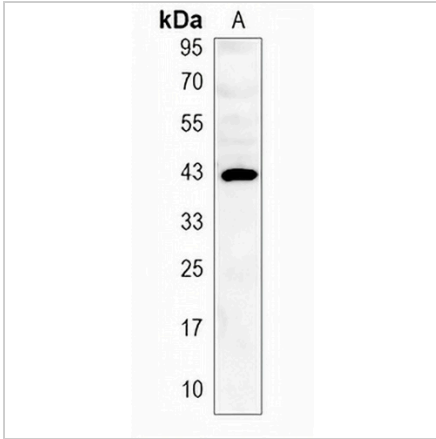
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

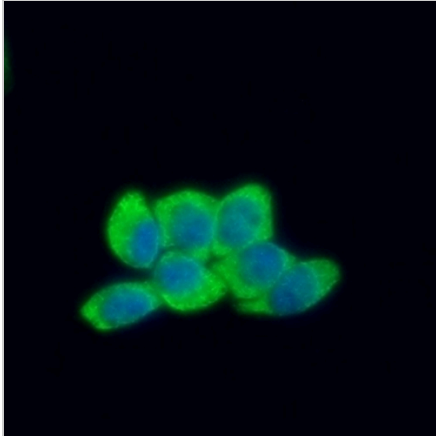
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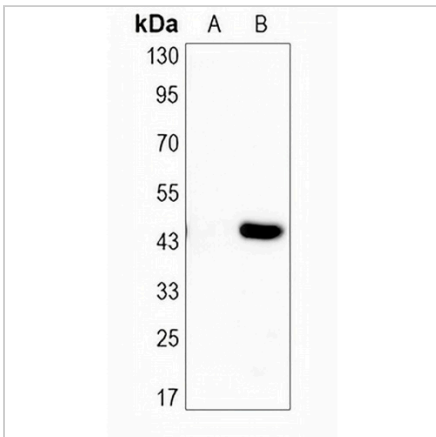
**DATA**



Western blot analysis of Anti-HA-tag Antibody against HEK293T cells transfected with vector overexpressing HA tag (A).



Immunofluorescent analysis of HA-Tag staining in HEK293T cells. 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 an AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunoprecipitation of HA-tagged protein from untransfected (A) and HEK293T cells transfected with vector overexpressing HA tag (B), using Recombinant Anti-HA-tag Rabbit mAb.

**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.