

DATASHEET

T7-tag Mouse Monoclonal Antibody(C2064)

CAT. NO. AMA01676

KEY FEATURES

Target	T7-tag	Source / Host	Mouse
Reactivity		Clonality	Monoclonal
Applications	WB	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 T7-tag is an 11-amino-acid leader peptide (MASMTGGQQMG) from the T7 bacteriophage gene 10 protein. It is widely used as a fusion tag for the detection and purification of recombinant proteins expressed in E. coli, particularly with the pET vector system. Anti-T7 antibodies are commonly used in WB, IP, and IF.

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

PRODUCT OVERVIEW

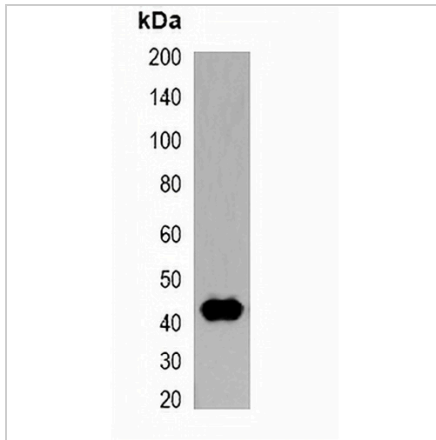
Description	Mouse monoclonal antibody to T7-tag
Specificity	Recognizes T7 tag fusion proteins.
Antibody Type	Primary antibody,Tag
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of T7-tag. The exact sequence is proprietary.
Purification	Affinity chromatography
Form/Buffer	Liquid in 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 T7-tagged protein in 293T cell lysate.

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.