

DATASHEET

Avi-tag Mouse Monoclonal Antibody(C2032)

CAT. NO. AMA01644

KEY FEATURES

Target	Avi-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, 0.2% BSA and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

The Avi-tag is a 15-amino-acid peptide (GLNDIFEAQKIEWHE) that serves as a substrate for biotin ligase BirA, which covalently attaches a single biotin to the lysine residue within the tag. This site-specific biotinylation enables capture of Avi-tagged proteins by streptavidin-based reagents for detection, purification, or immobilization.

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 Avi-tag
Specificity	Recognizes Avi-tag protein.
Antibody Type	Primary antibody,Tag
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of Avi-tag.
Purification	The antibody was purified by immunogen affinity chromatography.
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, 0.2% 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 or your local distributor.

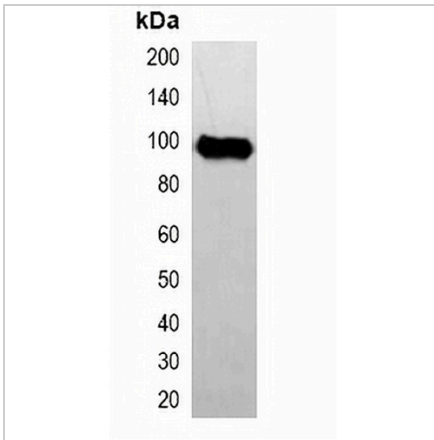
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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Western blot analysis of over-expressed Avi-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.