

DATASHEET

mOrange-tag Mouse Monoclonal Antibody(C2053)

CAT. NO. AMA01665

KEY FEATURES

Target	mOrange-tag	Source / Host	Mouse
Reactivity		Clonality	Monoclonal
Applications	WB, 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

mOrange is a monomeric orange fluorescent protein derived from DsRed with excitation/emission maxima around 548/562 nm. It is used as a reporter for gene expression and multiplex imaging. Anti-mOrange antibodies enable detection 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
IP	1:100 - 1:200

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

PRODUCT OVERVIEW

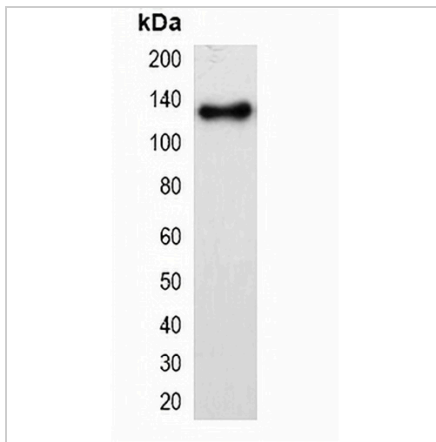
Description	Mouse monoclonal antibody to mOrange-tag
Specificity	Recognizes mOrange and mOrange tag protein.
Antibody Type	Primary antibody,Tag
Immunogen	Recombinant protein corresponding to mOrange-tag.
Purification	Affinity chromatography
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium 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.

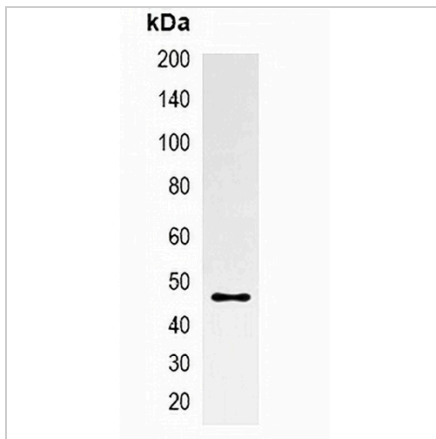
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

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



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