

DATASHEET

5-hydroxyuridine Mouse Monoclonal Antibody(C3053)

CAT. NO. AMA02665

KEY FEATURES

Target	5-hydroxyuridine	Source / Host	Mouse
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

5-hydroxyuridine is an oxidative modification of uridine in RNA, generated by reactive oxygen species and considered a marker of oxidative stress in nucleic acids. Anti-5-hydroxyuridine antibodies enable detection of oxidatively modified RNA by ELISA, IF, and immuno-dot blot.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

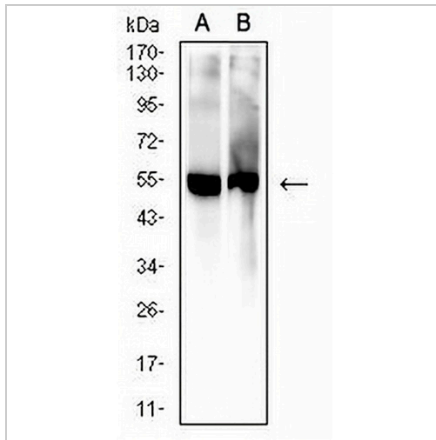
Description	Mouse monoclonal to 5-hydroxyuridine
Specificity	Recognizes endogenous levels of 5-hydroxyuridine protein
Antibody Type	Primary antibody
Immunogen	Synthesized peptide of 5-hydroxyuridine
Purification	This antibody is purified through a protein G column.
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	OHUrd

*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 5-hydroxyuridine expression in mouse serum (A), rat serum (B) whole cell lysates.

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.