

Anti-DiMethyl-Histone H3 (Lys4) [R02-8D7] Monoclonal Antibody

AGMB05330

Description

This Anti-DiMethyl-Histone H3 (Lys4) [R02-8D7] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	AGMB05330
Contents:	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
Synonyms:	H3K4me2, H3 histone, HIST1H3A, Histone cluster 1, H3a
Applications:	WB IHC-P ICC/IF FC IP CHIP
Research Area:	Epigenetics
Form:	Liquid

Antibody Data

Reactivity:	Human, Mouse, Rat
Clone:	R02-8D7
Clonality:	Monoclonal Antibody
SwissProt ID:	Q16695
Immunogen:	A synthetic methylated peptide corresponding to residues surrounding K4 of human histone H3
Gene ID:	8290

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Gene Name:	H3-4
Host Species:	Rabbit
Isotype:	IgG
Purification:	Affinity Purified
Conjugated:	Unconjugated
Modification:	Methylated
Molecular Weight:	Calculated MW: 16 kDa, Observed MW: 16 kDa

Preparation & Storage

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Store Bradford Reagent at Room Temperature for 1 Year.

Storage Buffer: Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Antibody Dilution Ratio:	Application	Antibody Dilution Ratio
	WB	1:1000-1:2000
	IHC	1:100-1:200
	IF	1:50-1:200
	IP	1:50
	ChIP	1:20

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.