

Product datasheet for **SM2021P**

HIST4H4 (Dimethyl K20) Rat Monoclonal Antibody [Clone ID: 2B8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2B8
Applications:	IP, WB
Recommended Dilution:	Immunoprecipitation. Western blot: 1/100 - 1/1000.
Reactivity:	Human
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This antibody recognises histone H4 when it is dimethylated at K20. It does not bind to non-methylated H4. This antibody has been reported for use in chromatin immunoprecipitation assay.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide State: Aff - Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	histone cluster 4, H4
Database Link:	Entrez Gene 121504 Human P62805
Background:	K20 is the only site on histone H4 methylated in vivo.
Synonyms:	HIST1H4, H4/A, H4FA



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