

Product datasheet for **AM21035PU-N**

HIST4H4 (17-28) Mouse Monoclonal Antibody [Clone ID: n.a]

Product data:

Product Type:	Primary Antibodies
Clone Name:	n.a
Applications:	IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 5 µg/ml. Immunoprecipitation. Western Blot: 0.01 - 0.1 µg/ml.
Reactivity:	Bovine, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide kLH-conjugated corresponding to amino acids 17-28 of Human Histone H4
Specificity:	Recognizes methyl-Histone H4, Mr 10kD. Does not cross-react with Yeast or Tetrahymena.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G purified
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:	<u>Entrez Gene 554313 Human</u> <u>Entrez Gene 121504 Human</u> <u>P62805</u>



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Background:

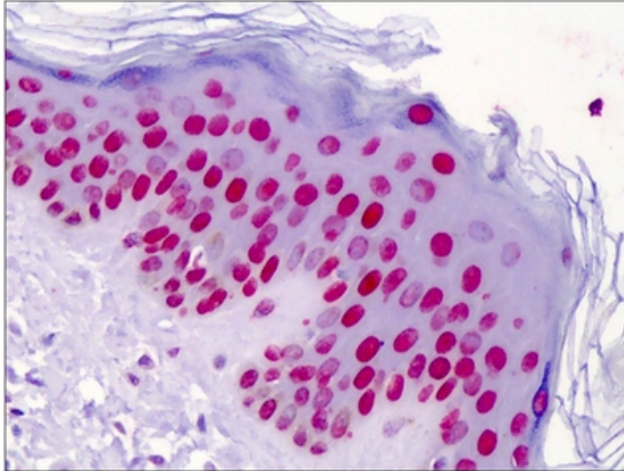
Histone H4 is one of the 5 main histone proteins involved in the structure of chromatin in eukaryotic cells. Featuring a main globular domain and a long N terminal tail, H4 is a structural component of the nucleosome, and is subject to covalent modification, including acetylation and methylation, which may alter expression of genes located on DNA associated with its parent histone octamer.

Synonyms:

HIST1H4, H4/A, H4FA

Protein Pathways:

Systemic lupus erythematosus

Product images:

Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)