

# Immunotag™ Histone H4 Antibody

Antibody Specification	
Catalog No.	ITA1924
Product Description	Immunotag™ Histone H4 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Histone H4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Histone H4
Specificity	Histone H4 Antibody detects endogenous levels of total Histone H4
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4
Accession No.	P62805

## Antibody Specification

Alternate Names	dj160A22.1; dj160A22.2; dj221C16.1; dj221C16.9; FO108; H4; H4.k; H4/a; H4/b; H4/c; H4/d; H4/e; H4/g; H4/h; H4/l; H4/j; H4/k; H4/m; H4/n; H4/p; H4_HUMAN; H4F2; H4F2iii; H4F2iv; H4FA; H4FB; H4FC; H4FD; H4FE; H4FG; H4FH; H4FI; H4FJ; H4FK; H4FM; H4FN; H4M; HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4; HIST2H4A; Hist4h4; Histone 1 H4a; Histone 1 H4b; Histone 1 H4c; Histone 1 H4d; Histone 1 H4e; Histone 1 H4f; Histone 1 H4h; Histone 1 H4i; Histone 1 H4j; Histone 1 H4k; Histone 1 H4l; Histone 2 H4a; histone 4 H4; Histone H4; MGC24116;
Description	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	11kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.