

HIST1H2BK Conjugated Antibody

Catalog No: #C47334



Package Size: #C47334-AF350 100ul #C47334-AF405 100ul #C47334-AF488 100ul
 #C47334-AF555 100ul #C47334-AF594 100ul #C47334-AF647 100ul
 #C47334-AF680 100ul #C47334-AF750 100ul #C47334-Biotin 100ul

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Description

Product Name	HIST1H2BK Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms
Specificity	The antibody detects endogenous levels of total HIST1H2BK protein.
Immunogen Description	Fusion protein of human HIST1H2BK
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	H2BK; H2B/S; H2BFT; H2BFAiii
Accession No.	Swiss-Prot#:O60814NCBI Gene ID:85236NCBI Protein#:BC000893
Uniprot	O60814
GeneID	85236;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-dependent histone that is a member of the histone H2B family. The protein encoded is an antimicrobial protein with antibacterial and antifungal activity. Two transcripts that encode the same protein have been identified for this gene, which is found in the histone microcluster on chromosome 6p21.33.

Note: This product is for in vitro research use only