

## CAB19812

---

### Product Information

<b>Product SKU:</b>	CAB19812	<b>Gene ID:</b>	3017/8349	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC2337	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat,Other (Wide Range Predicted)

---

### Additional Information

<b>Observed MW:</b>	17kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	14kDa	<b>Isotype:</b>	IgG

---

### Immunogen Information

<b>Background:</b>	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.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200
<b>Synonyms:</b>	H2BK; H2B/S; H2BFT; H2BFAiii; HIST1H2BK; Histone H2B
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 47-126 of human Histone H2B (O60814).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

**Contact Details | Dublin, Ireland**

**Email:** techsupport@assaygenie.com | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2020 Reagent Genie, All Rights Reserved. All information / detail is correct at time of going to print.