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## Product Datasheet

### Histone H3 (DiMethyl-K9) monoclonal antibody, Unconjugated, Mouse BWT-MB65942

Article Name	Histone H3 (DiMethyl-K9) monoclonal antibody, Unconjugated, Mouse
Biozol Catalog Number	BWT-MB65942
Supplier Catalog Number	MB65942
Alternative Catalog Number	BWT-MB65942-50UL, BWT-MB65942-100UL
Manufacturer	Bioworld Technology
Host	Mouse
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Histone H3. The exact sequence is proprietary.
Conjugation	Unconjugated
Product 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 r...
Molecular Weight	~ 15 kDa
UniProt	<a href="#">P68431</a>

Purity	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Application Dilute	WB (1/1000 - 1/3000), IHC (1/200 - 1/500)
Application Notes	Recognizes endogenous levels of Histone H3 (DiMethyl K9) protein.