

Product data sheet

Product number	161416B12
Antibody specificity	Histone 3 N-terminal peptide (ARTK(me ₂)QTARKSTGGKAPRKQ)
Species reactivity	Human
UniProt/GenelD	P68431/8350
Clone number	KT164
Immunogen	H3 N-terminal peptide ARTK(me ₂)QTARKSTGGKAPRKQ
Antibody isotype	Rat IgG2b
Antibody form	Intact antibody
Concentration	1 mg/ml in PBS containing 0.09% sodium azide as a preservative
Cross-reactivity	Not react with H3 N-terminal peptides with other modifications (Figure 1)

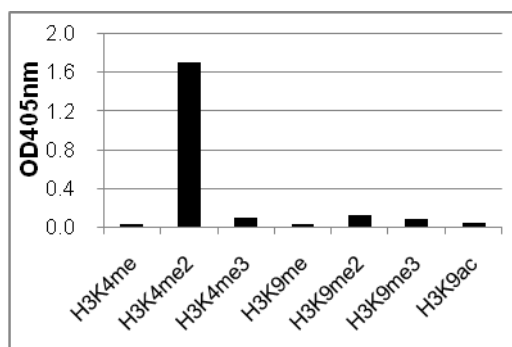


Figure 1. ELISA for KT164 against H3 N-terminal peptide (aa1-19) with various modifications

Applications	Primary antibody for ELISA These are applications that have been tested. It does not mean that the antibody cannot be used for other applications.
Suggested working concentrations	ELISA: 1 µg/ml Optimal concentrations should be determined by the end user
Preparation	IgG is purified through a Protein G column
Store	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles
Safety information	This product contains sodium azide which is hazardous