

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA160007

Trimethyl-Histone H3 (Lys4) Rabbit Monoclonal Antibody [Clone ID: RM137]

Product data:

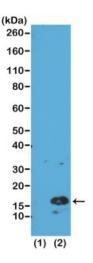
Product Type:	Primary Antibodies
Clone Name:	RM137
Applications:	Dot, WB
Recommended Dilution:	WB: 0.2 ug/mL - 1 ug/mL;, ELISA: 0.1 ug/mL - 0.5 ug/mL;, Multiplex: 0.1 ug/mL - 0.5 ug/mL.
Reactivity:	All Species
Host:	Rabbit
lsotype:	lgG
Clonality:	Monoclonal
Immunogen:	A trimethyl-peptide corresponding to Trimethyl-Histone H3 (Lys4).
Formulation:	PBS with 1% BSA and 0.09% sodium azide
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Note:	RM137 reacts to Histone H3 trimethylated at Lysine 4 (K4me3). No cross rea



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Product images:

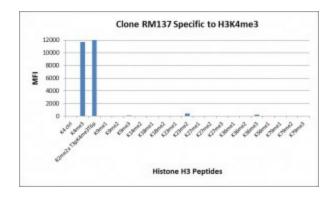


Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using anti-H3K4me3 antibody at 0.5 ug/mL, showed a band of histone H3 trimethylated at Lysine 4 (K4me3) in HeLa cells.

RM137	me3	H3K4me2			H3K4me1			H3N1-19							
0.5µg/mL					*								-		
0.2µg/mL															
0.1µg/mL															

A Peptide dotblot shows anti-H3K4me3 antibody only reacts to Histone H3 trimethyl-Lysine 4 (K4me3). No cross reactivity with nonmodified Lysine 4 (H3N1-19), monomethylated Lysine 4 (K4me1) or dimethylated Lysine 4 (K4me2).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US 



Anti-H3K4me3 antibody specifically reacts to Histone H3 trimethylated at Lysine 4 (K4me3). No cross reactivity with other methylated lysines in Histone H3.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US