MonoMethyl-Histone H3-R2 Rabbit Monoclonal Antibody

CAB19645

Product Information

Product SKU:	CAB19645	**Gene ID**:	8290/8350	**Size**:	20uL, 100uL
Clone No:	ARC0124	**Host Species:**	Rabbit	**Reactivity**:	Human,Mouse,Rat,Other (Wide Range Predicted)

Additional Information

Observed MW:	17kDa	**Conjugate:**	Unconjugated
Calculated MW:	16kDa	**Isotype:**	IgG

Immunogen Information

Background:	This gene encodes a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. One study also suggests that this protein acts as a transcriptional repressor independent of its kinase activity. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene.
Recommended Dilution:	DB,1:500 - 1:1000 WB,1:500 - 1:1000 CUT&Tag, 10^5 cells /1 µg
Synonyms:	H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A; MonoMethyl-Histone H3-R2
Purifcation Method:	Affinity purification
Immunogen:	A synthetic monomethylated peptide around R2 of human Histone H3 (Q16695).
Storage:	Store at -20℃. 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