

Rabbit anti-Histone H3 antibody, clone SQab18110 (monoclonal)

Clone no. SQab18110

MONOSAN

Product name	Rabbit anti-Histone H3 antibody, clone SQab18110 (monoclonal)
Host	Rabbit
Applications	FC, IHC-P, IP, WB
Species reactivity	Human, Mouse, Rat, African green monkey, Bovine, Dog, Pig, Zebrafish
Conjugate	-
Immunogen	Synthetic peptide corresponding to aa. 1-100 of Human Histone H3.
Isotype	-
Clonality	Monoclonal
Clone number	SQab18110
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Rabbit anti-Histone H3 antibody, clone SQab18110 (monoclonal)

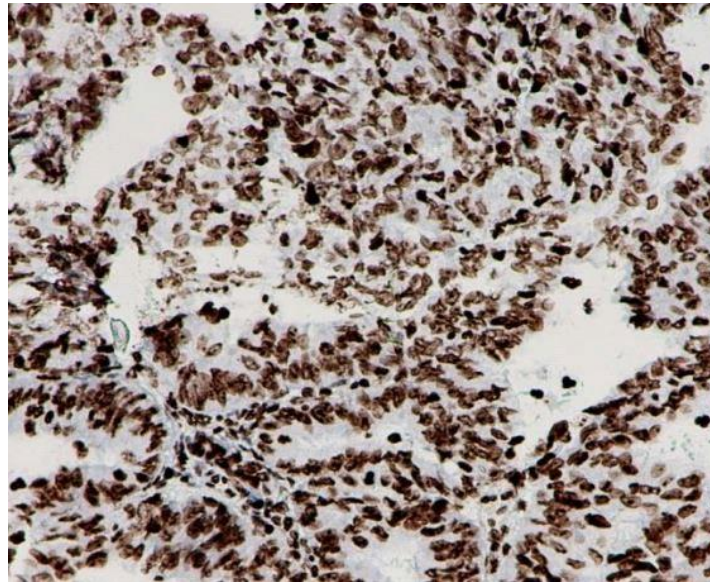
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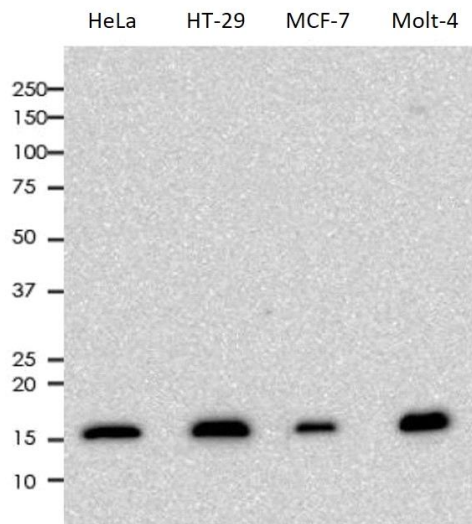
Additional info

Application note: IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. Histone H3 gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]

Images



Immunohistochemistry: Formalin-fixed and paraffin-embedded Human endometrial cancer stained with anti-Histone H3 antibody [SQab18110] at 1:800 dilution. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).



Western blot: 10 µg of HeLa, HT-29, MCF-7 and Molt-4 cell lysates stained with anti-Histone H3 antibody [SQab18110] at 1:10000 dilution.

References

1. -
2. -
3. -
4. -
5. -

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