

Phospho histone H3 Recombinant antibody

Cat:B32078R
Company: Haokebio

Uniprot ID:P68431

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Phosphorylated Histone H3 (PHH3) is a core histone that, together with other histones, constitutes the main protein component of chromatin in eukaryotic cells. In mammalian cells, the expression level of PHH3 is negligible during interphase, but reaches its peak during chromatin condensation in mitosis. Immunohistochemical (IHC) studies have shown that the PHH3 antibody can specifically detect the core histone H3 when it is phosphorylated at serine residues 10 and 28. Therefore, PHH3 can serve as a mitosis-specific marker to distinguish between apoptotic bodies and mitotic fragments. For central nervous system (CNS) tumors, melanomas, soft tissue tumors, Gastrointestinal Stromal Tumors (GISTs), and other malignancies, it aids in tumor pathological grading, prognosis assessment, and related applications.

Protein full name:

histone cluster 1, H3a

Synonyms:

H3 P-S10, H3S10, H3S10Ph, Histone H3 (Ser10), p Histone H3

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

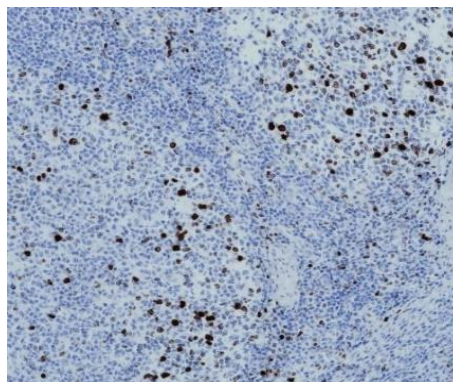
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human tonsil tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:Phospho histone H3(B32078R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.