UC Davis/NIH NeuroMab Facility
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Anti-Histone H3 pThr11, NeuroMab clone N123/48

Available as TC supe (RRID: AB_10673391) & Pure IgG (RRID: AB_2264065)

Immunogen:
Synthetic peptide amino acids 6-19 (QTARKS[pT]GGKAPRK) of rat Histone H3 (also known as Histone H3.1, accession number Q6LED0)
Mouse: 100% identity (14/14 amino acids identical)
Human: 100% identity (14/14 amino acids identical)
100% identity with Histones H3.2 and H3.3

Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG1

NeuroMab Applications:
Dot Blot

Species Reactivity: rat, mouse, human

Reacts preferentially with Histone H3-pThr11 than with unphosphorylated Thr11

Serial dilutions of BSA-conjugated modified and unmodified peptides dotted onto membrane and probed with N123/48 TC supe (left) and a mouse loading control (right).