



Anti-Histone H2A.Z/V, NeuroMab clone N310/21

Immunogen:

Synthetic peptide amino acids 116-128 (KSLIGKKGQQKTV) of human Histone H2A.Z (also known as H2A/z, H2AFZ and H2AZ, accession number P0C0S5)

Mouse: 100% identity (13/13 amino acids identical)

Rat: 100% identity (13/13 amino acids identical)

>90% identity (12/13 amino acids identical, all but most C-terminal V) with Histone H2A.V

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

ELISA and Dot blot

Species Reactivity: human, mouse, rat

Does not cross-react with amino acids 114-126 (AVLLPKKTESHKA) of human Histone H2A2C, which has >60% identity with other human Histones H2A's (H2A2B, H2A3, H2A2A, H2A1, H2A1H, H2A1D, H2A1C, H2A1B, H2A1A, H2A1J, H2A.J and H2A.X)

Cross-reactivity against Histone H2A.V not yet determined

Serial dilutions of BSA-conjugated target and non-target peptides dotted onto membrane and probed with N310/21 TC supe (left) and a rabbit polyclonal antibody control (right).

