

**Anti-NSD1, NeuroMab clone N312/10**

Available as TC supe (RRID: AB_11030251) & Pure IgG (RRID: AB_11001827)

Immunogen:

Fusion protein amino acids 2129-2696 (C-terminus) of human NSD1 (also known as Histone-lysine N-methyltransferase H3 lysine-36 and H4 lysine-20 specific, H3-K36-HMTase, H4-K20-HMTase, Nuclear receptor-binding SET domain-containing protein 1, NR-binding SET domain-containing protein, Androgen receptor-associated protein of 267 kDa, Androgen receptor coactivator 267 kDa protein, Lysine N-methyltransferase 3B, ARA267 and KMT3B, accession number Q96L73)

Rat: 79% identity (454/568 amino acids identical)

Mouse: 79% identity (450/568 amino acids identical)

>50% identity with NSD2 and NSD3

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: human

Does not cross-react with NSD2 or NSD3

MW: 300 kDa

Transfected cell immunoblot: extracts of COS cells transiently transfected with HA-tagged NSD1, NSD2, NSD3 or untagged Kv2.1 plasmids and probed with N312/10 (left), 12CA5 (middle) and K89/34 (right).

