

Anti-NSD1 Antibody

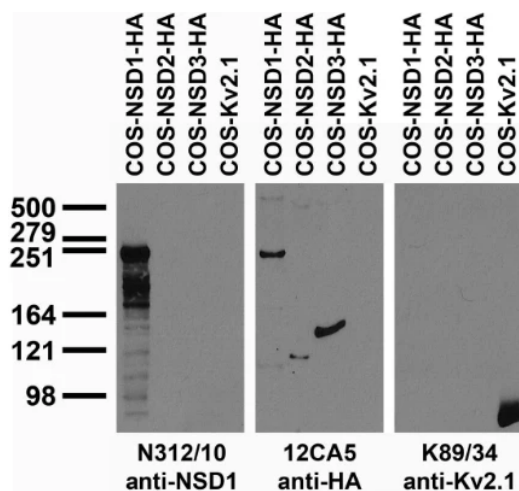


Product Details

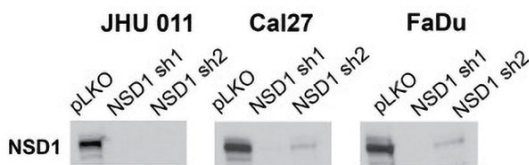
Available Variants	100 µL (SKU:75-280) 20 µL (SKU:75-280-020)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	N312/10
Gene Name	NSD1 ARA267 KMT3B
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse
Immunogen	Fusion protein amino acids 2129-2696 (C-terminus) of human NSD1 (accession number Q96L73) produced recombinantly in E. Coli
Specificity	Does not cross-react with NSD2 or NSD3
Molecular Weight	300 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_11001827
UniProt ID	Q96L73
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



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).



Representative images of validation of NSD1 (Cat. 75-280, 1:750) protein levels by Western blot in JHU 011, Cal27, and FaDu cell lines with NSD1 knockdown after 72 h doxycycline induction. Image from publication, CC-BY-4.0, [PMID: 38539515](#).

Product Page URL: www.antibodiesinc.com/products/anti-nsd1-antibody-n312-10-75-280

