

DESCRIPTION

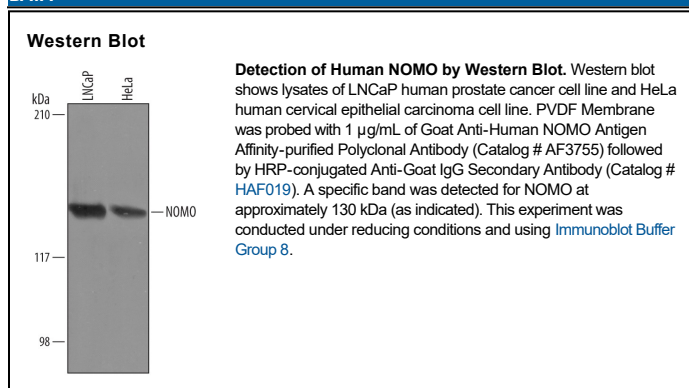
Species Reactivity	Human
Specificity	Detects human NOMO in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human NOMO Ser32- Asp1155 Accession # Q15155
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

NOMO, also known as pM5, is a 130 kDa type I membrane protein with no recognizable functional motif. It is a binding partner of Nicalin, a nicastin-related protein. The Nicalin/NOMO complex is localized in the ER and functions as an antagonist for Nodal and Activin signaling. Three copies of the NOMO gene, encoding NOMO isoforms 1, 2 and 3 have been described. The extracellular domains (ECD) of the isoforms share 99% amino acid sequence homology. The ECD of human and mouse NOMO also share 94% amino acid sequence homology.