

## Product datasheet for **TA504021BM**

### NLN Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI3C2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3C2
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NLN(NP_065777) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80.5 kDa
Gene Name:	neurolysin
Database Link:	<a href="#">NP_065777</a> <a href="#">Entrez Gene 75805 Mouse</a> <a href="#">Entrez Gene 117041 Rat</a> <a href="#">Entrez Gene 57486 Human</a> <a href="#">Q9BYT8</a>
Background:	This gene encodes a member of the metallopeptidase M3 protein family that cleaves neurotensin at the Pro10-Tyr11 bond, leading to the formation of neurotensin(1-10) and neurotensin(11-13). The encoded protein is likely involved in the termination of the neurotensinergic signal in the central nervous system and in the gastrointestinal tract.
Synonyms:	AGTBP; EP24.16; MEP; MOP

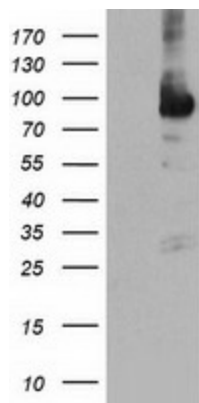


[View online »](#)

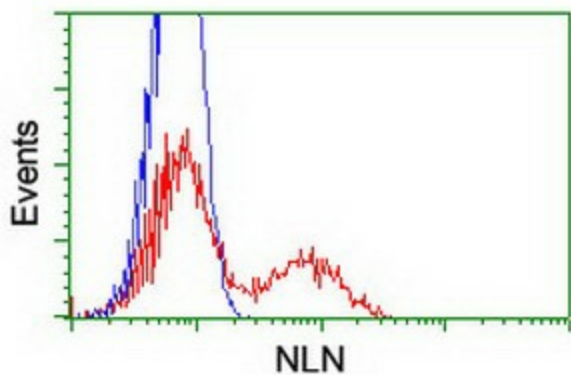
**Protein Families:** Druggable Genome, Protease

**Protein Pathways:** Renin-angiotensin system

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NLN ([RC212447], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NLN. Positive lysates [LY412353] (100ug) and [LC412353] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC212447] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NLN antibody ([TA504021]), and then analyzed by flow cytometry.