



20150116ML

Anti-Mouse NOV (#3D65)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	103-M443
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with mouse recombinant protein of NOV (also called CCN3).

Target Background

Synonyms (Target):	Nov; CCN3; C130088N23Rik
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NOV belongs to the CCN (CTGF/CYR61/NOV) family of secreted proteins that share a common multimodular organization. Each protein contains an IGF1P domain, a von Willebrand factor type C domain, a thrombospondin type I domain and a cysteine knot domain. NOV interacts with several proteins and is involved in both internal and external cell signaling.

Database References Target

Protein RefSeq:	NP_035060.1
Uniprot ID:	Q64299
mRNA RefSeq:	NM_010930.4

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#3D65)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant mouse NOV
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody detects specifically mouse NOV with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:100-500

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!