

**NELL1 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant NELL1.****Catalog # AT3020a****Specification**

---

**NELL1 Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IF, IP                |
| Primary Accession | <a href="#">Q92832</a>    |
| Other Accession   | <a href="#">NM_006157</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG2a Kappa               |
| Calculated MW     | 89635                     |

**NELL1 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 4745**Other Names**

Protein kinase C-binding protein NELL1, NEL-like protein 1, Nel-related protein 1, NELL1, NRP1

**Target/Specificity**

NELL1 (NP\_006148, 304 a.a. ~ 403 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IF~~1:50~200

IP~~N/A

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

NELL1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

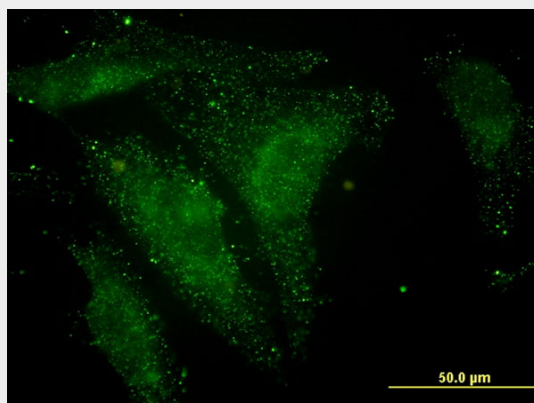
**NELL1 Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

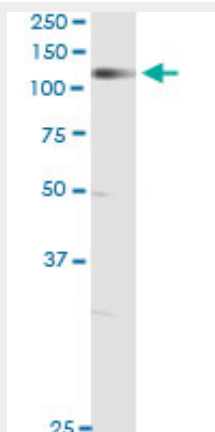
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

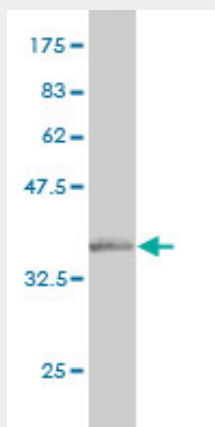
### NELL1 Antibody (monoclonal) (M01) - Images



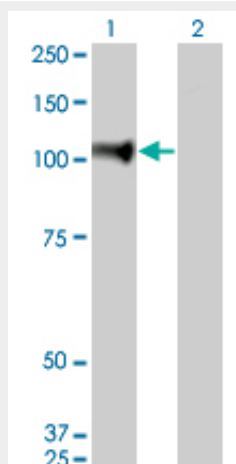
Immunofluorescence of monoclonal antibody to NELL1 on HeLa cell . [antibody concentration 10 ug/ml]



Immunoprecipitation of NELL1 transfected lysate using anti-NELL1 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with NELL1 MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of NELL1 expression in transfected 293T cell line by NELL1 monoclonal antibody (M01), clone 6A8.

Lane 1: NELL1 transfected lysate (89.607 KDa).

Lane 2: Non-transfected lysate.

#### **NELL1 Antibody (monoclonal) (M01) - Background**

This gene encodes a cytoplasmic protein that contains epidermal growth factor (EGF)-like repeats. The encoded heterotrimeric protein may be involved in cell growth regulation and differentiation. A similar protein in rodents is involved in craniosynostosis. Two transcript variants encoding different isoforms have been found for this gene.

#### **NELL1 Antibody (monoclonal) (M01) - References**

1. Systematic association mapping identifies NELL1 as a novel IBD disease gene. Franke A, Hampe J, Rosenstiel P, Becker C, Wagner F, Hasler R, Little RD, Huse K, Ruether A, Balschun T, Wittig M, Elsharawy A, Mayr G, Albrecht M, Prescott NJ, Onnie CM, Fournier H, Keith T, Radelof U, Platzer M, Mathew CG, Stoll M, Krawczak M, Nurnberg. PLoS ONE. 2007 Aug 8;2(1):e691.