

NELL1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NELL1.

Catalog # AT3020a

Product Information

Application	WB, IF, IP
Primary Accession	Q92832
Other Accession	NM_006157
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6A8
Calculated MW	89635

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.

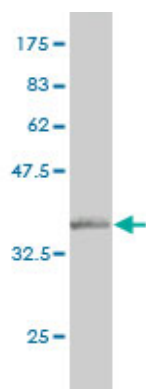
Background

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.

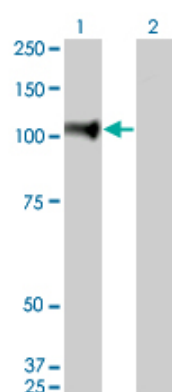
References

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,

Images

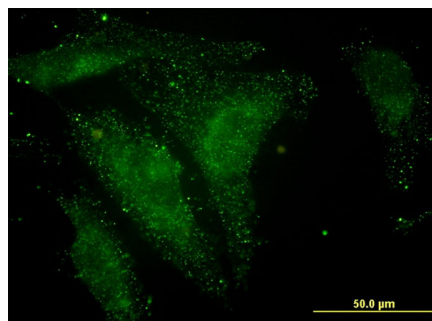


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .

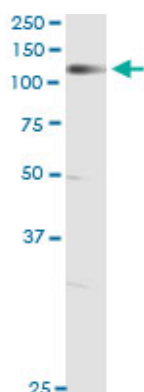


Western Blot analysis of NELL1 expression in transfected 293T cell line by NELL1 monoclonal antibody (M01), clone 6A8.

Lane 1: NELL1 transfected lysate(89.607 KDa).
Lane 2: Non-transfected lysate.



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.