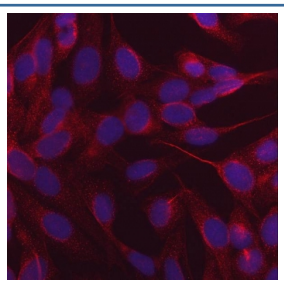
NDP52 Antibody / Nuclear dot protein 52 / CALCOCO2 [clone 9E2F2] (RQ7401)

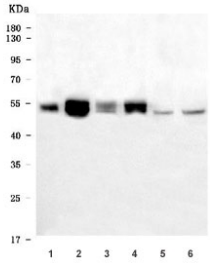
Catalog No.	Formulation	Size
RQ7401	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

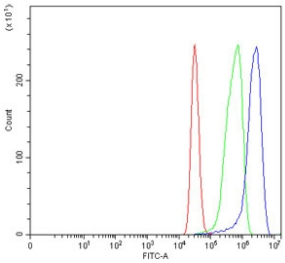
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	9E2F2
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q13137
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This NDP52 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with NDP52 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human placenta, 2) human HeLa, 3) human Jurkat, 4) human A549, 5) rat testis and 6) mouse testis tissue lysate with NDP52 antibody. Predicted molecular weight ~52 kDa.



Flow cytometry testing of human MCF7 cells with NDP52 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NDP52 antibody.

Description

This gene encodes a coiled-coil domain-containing protein. The encoded protein functions as a receptor for ubiquitin-coated bacteria and plays an important role in innate immunity by mediating macroautophagy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Application Notes

Optimal dilution of the NDP52 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-L446) was used as the immunogen for the NDP52 antibody.

Storage

After reconstitution, the NDP52 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.