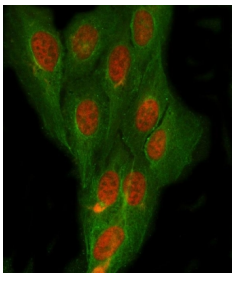
NDRG4 Antibody / N-myc downstream-regulated gene 4 (RQ8235)

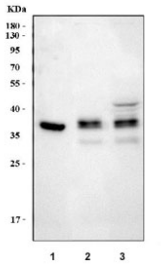
Catalog No.	Formulation	Size
RQ8235	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

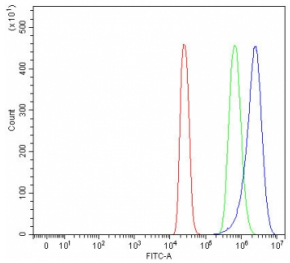
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9ULP0
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This NDRG4 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with NDRG4 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human 293T, 2) rat brain and 3) mouse brain tissue lysate with NDRG4 antibody. Predicted molecular weight: 37-43 kDa (multiple isoforms).



Flow cytometry testing of fixed and permeabilized human 293T cells with NDRG4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NDRG4 antibody.

Description

Protein NDRG4 is a protein that in humans is encoded by the NDRG4 gene. This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that is required for cell cycle progression and survival in primary astrocytes and may be involved in the regulation of mitogenic signalling in vascular smooth muscles cells. Alternative splicing results in multiple transcripts encoding different isoforms.

Application Notes

Optimal dilution of the NDRG4 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-R226) was used as the immunogen for the NDRG4 antibody.

Storage

After reconstitution, the NDRG4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

References (1)

Copyright © NSJ Bioreagents. All rights reserved.