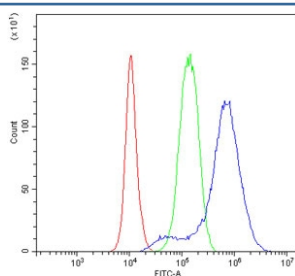


NDRG1 Antibody (RQ6061)

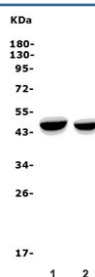
Catalog No.	Formulation	Size
RQ6061	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q92597
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This NDRG1 antibody is available for research use only.



Flow cytometry testing of human PC-3 cells with NDRG1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NDRG1 antibody.



Western blot testing of human 1) HEK293 and 2) U-87 MG cell lysate with NDRG1 antibody. Predicted molecular weight ~43 kDa.

Description

Protein NDRG1 is a protein that in humans is encoded by the NDRG1 gene. It is a member of the N-myc downregulated gene family which belong to the alpha/beta hydrolase superfamily. The NDRG1 gene is mapped to chromosome 8q24. It has got a deduced 394 amino acid protein with a molecular mass of 43kD. NDRG1 is expressed in the cytoplasm and basolateral membranes of gut lumen surface epithelial cells. The protein appears to play a vital role in growth arrest and cell differentiation.

Application Notes

Optimal dilution of the NDRG1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids S2-N220) was used as the immunogen for the NDRG1 antibody.

Storage

After reconstitution, the NDRG1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.