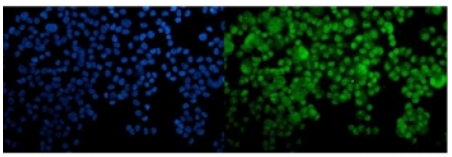
HOXC10 Antibody (RQ6183)

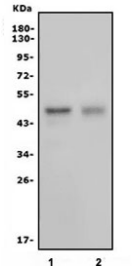
Catalog No.	Formulation	Size
RQ6183	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

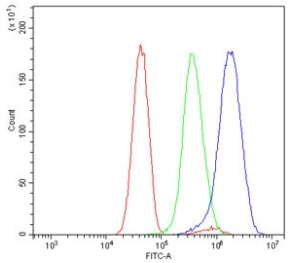
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	Q9NYD6
Localization	Nuclear
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This HOXC10 antibody is available for research use only.



Immunofluorescent staining of FFPE human T-47D cells with HOXC10 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa and 2) T-47D cell lysate with HOXC10 antibody. Expected molecular weight: 38-50 kDa.



Flow cytometry testing of human U-251 cells with HOXC10 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HOXC10 antibody.

Description

Homeobox protein Hox-C10 is a protein that in humans is encoded by the HOXC10 gene. This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation.

Application Notes

Optimal dilution of the HOXC10 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids M1-K250) was used as the immunogen for the HOXC10 antibody.

Storage

After reconstitution, the HOXC10 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.