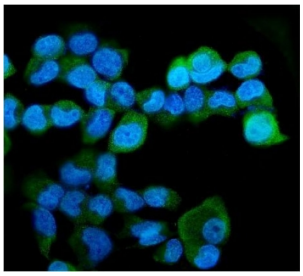
HERC5 Antibody (RQ5045)

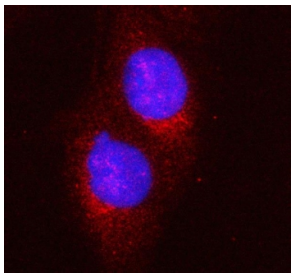
Catalog No.	Formulation	Size
RQ5045	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

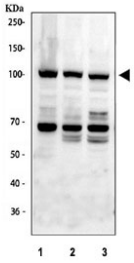
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UII4
Localization	Cytoplasm
Applications	Western blot: 0.1-0.5ug/ml Immunofluorescence (FFPE): 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This HERC5 antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with HERC5 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Immunofluorescent staining of FFPE human U-2 OS cells with HERC5 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) 293T, 2) A549 and 3) PC-3 cell lysate with HERC5 antibody. Predicted molecular weight ~117 kDa.

Description

Probable E3 ubiquitin-protein ligase HERC5 is an enzyme that in humans is encoded by the HERC5 gene. It is mapped to 4q22.1. This gene is a member of the HERC family of ubiquitin ligases and encodes a protein with a HECT domain and five RCC1 repeats. Pro-inflammatory cytokines upregulate expression of this gene in endothelial cells. The protein localizes to the cytoplasm and perinuclear region and functions as an interferon-induced E3 protein ligase that mediates ISGylation of protein targets.

Application Notes

Optimal dilution of the HERC5 antibody should be determined by the researcher.

Immunogen

Amino acids F793-G1024 from the human protein were used as the immunogen for the HERC5 antibody.

Storage

After reconstitution, the HERC5 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
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