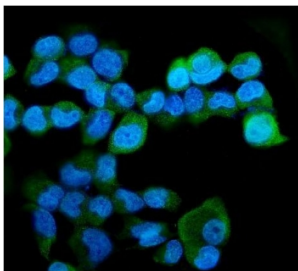


HERC5 Antibody (RQ5045)

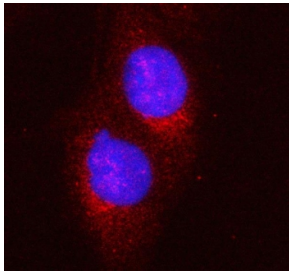
Catalog No.	Formulation	Size
RQ5045	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

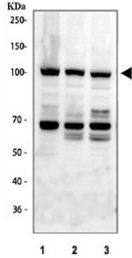
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UII4
Localization	Cytoplasm
Applications	Western Blot : 0.1-0.5ug/ml 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.