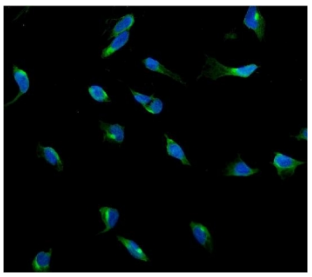
USP15 Antibody (RQ5685)

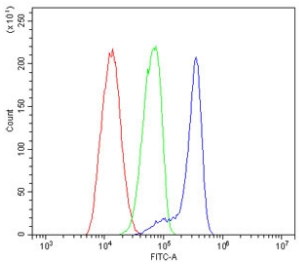
Catalog No.	Formulation	Size
RQ5685	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

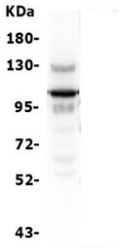
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9Y4E8
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 2-4ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This USP15 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with USP15 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human HL-60 cells with USP15 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= USP15 antibody.



Western blot testing of human K562 lysate with USP15 antibody. Expected molecular weight ~112 kDa.

Description

Ubiquitin carboxyl-terminal hydrolase 15 is an enzyme that in humans is encoded by the USP15 gene. It is mapped to 12q14.1. This gene encodes a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2.

Application Notes

Optimal dilution of the USP15 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A6-H583) was used as the immunogen for the USP15 antibody.

Storage

After reconstitution, the USP15 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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