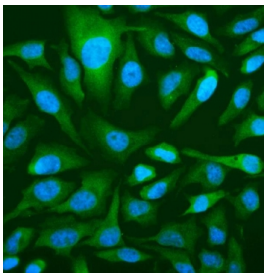
OAS3 Antibody (RQ5634)

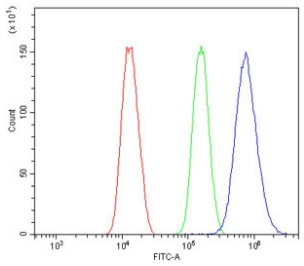
Catalog No.	Formulation	Size
RQ5634	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

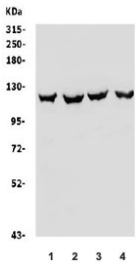
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9Y6K5
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 2-4ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This OAS3 antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with OAS3 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human SiHa cells with OAS3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= OAS3 antibody.



Western blot testing of human 1) HeLa, 2) PC-3, 3) HepG2 and 4) A549 lysate with OAS3 antibody. Predicted molecular weight ~121 kDa.

Description

2'-5'-oligoadenylate synthetase 3 is an enzyme that in humans is encoded by the OAS3 gene. It is mapped to 12q24.13. This gene encodes an enzyme included in the 2', 5' oligoadenylate synthase family. This enzyme is induced by interferons and catalyzes the 2', 5' oligomers of adenosine in order to bind and activate RNase L. This enzyme family plays a significant role in the inhibition of cellular protein synthesis and viral infection resistance.

Application Notes

Optimal dilution of the OAS3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N990-V1087) was used as the immunogen for the OAS3 antibody.

Storage

After reconstitution, the OAS3 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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