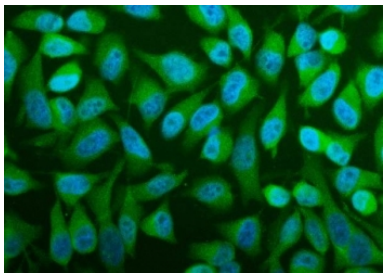
PFAS Antibody / Phosphoribosylformylglycinamidine synthase (RQ6391)

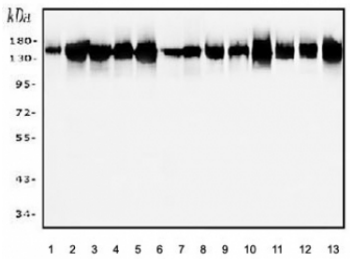
Catalog No.	Formulation	Size
RQ6391	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

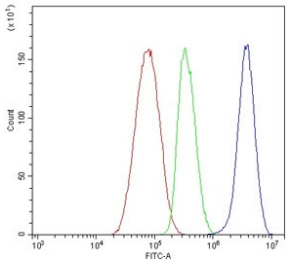
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15067
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PFAS antibody is available for research use only.



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



Western blot testing of human 1) placenta, 2) A549, 3) HEK293, 4) HeLa, 5) K562, 6) U937, 7) HepG2 and rat 8) liver, 9) brain, 10) testis and mouse 11) liver, 12) brain and 13) testis tissue lysate with PFAS antibody. Predicted molecular weight ~145 kDa.



Flow cytometry testing of human HepG2 cells with PFAS antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PFAS antibody.

Description

Purines are necessary for many cellular processes, including DNA replication, transcription, and energy metabolism. Ten enzymatic steps are required to synthesize inosine monophosphate (IMP) in the de novo pathway of purine biosynthesis. The enzyme encoded by this gene catalyzes the fourth step of IMP biosynthesis.

Application Notes

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

Immunogen

Recombinant human protein (amino acids R330-S569) was used as the immunogen for the PFAS antibody.

Storage

After reconstitution, the PFAS 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