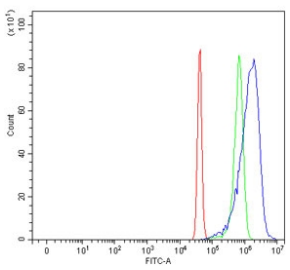
Fibroblast activation protein alpha Antibody / FAP (RQ7280)

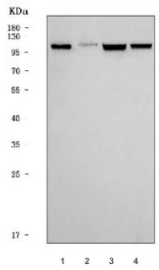
Catalog No.	Formulation	Size
RQ7280	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q12884
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Fibroblast activation protein alpha antibody is available for research use only.



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



Western blot testing of human 1) SiHa, 2) U-2 OS, 3) HeLa and 4) U-251 cell lysate with Fibroblast activation protein alpha antibody. Predicted molecular weight: 88-95 kDa (monomer), ~170 kDa (homodimer).

Description

Fibroblast activation protein alpha (FAP-alpha) also known as prolyl endopeptidase FAP is an enzyme that in humans is encoded by the FAP gene. The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Fibroblast activation protein alpha antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q65-Q580) was used as the immunogen for the Fibroblast activation protein alpha antibody.

Storage

After reconstitution, the Fibroblast activation protein alpha 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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