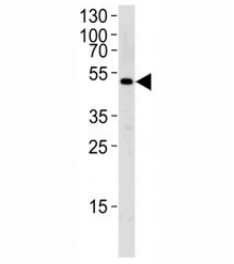
SOCS4 Antibody (F41736)

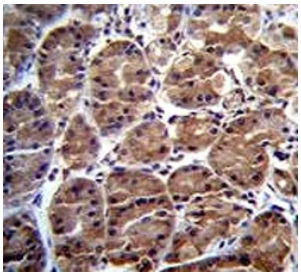
Catalog No.	Formulation	Size
F41736-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41736-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

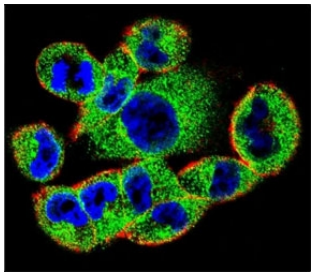
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8WXH5
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This SOCS4 antibody is available for research use only.



Western blot analysis of lysate from MCF-7 cell line using SOCS4 antibody diluted at 1:1000 for each lane. Predicted/observed molecular weigth ~51kDa.



SOCS4 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue.



Confocal immunofluorescent analysis of SOCS4 antibody with A2058 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

Description

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. Substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Inhibits EGF signaling by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR. [UniProt]

Application Notes

Titration of the SOCS4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 227-254 from the human protein was used as the immunogen for this SOCS4 antibody.

Storage

Aliquot the SOCS4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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