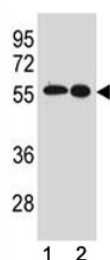


Src Antibody (F52054)

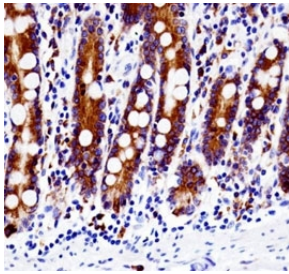
Catalog No.	Formulation	Size
F52054-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52054-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

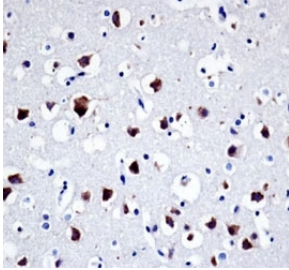
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P12931
Applications	Western Blot : 1:2000 IHC (Paraffin) : 1:50 Flow Cytometry : 1:50 Immunofluorescence : 1:50
Limitations	This Src antibody is available for research use only.



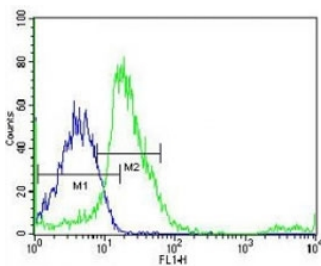
Src antibody western blot analysis in (1) MCF-7 and (2) A431 lysate



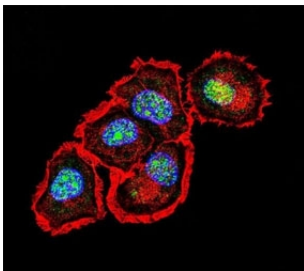
Src antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human small intestine tissue



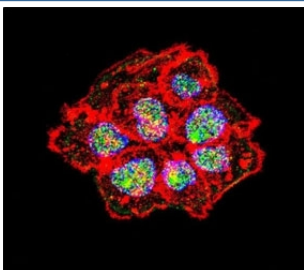
Src antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue



Src antibody flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control (left histogram). Alexa Fluor 488-conjugated donkey anti-rabbit IgG secondary Ab was used for the analysis.



Confocal immunofluorescent analysis of Src antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).



Confocal immunofluorescent analysis of Src antibody with A431 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

Description

This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-Src kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene.

Application Notes

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

Immunogen

A portion of amino acids 24-52 from the human protein was used as the immunogen for this Src antibody.

Storage

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