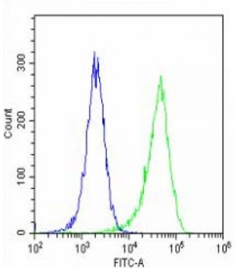
POSTN Antibody / Periostin (F54359)

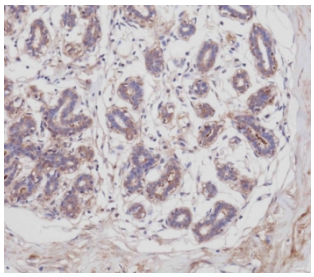
Catalog No.	Formulation	Size
F54359-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54359-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

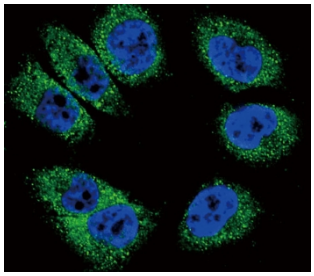
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q15063
Localization	Cytoplasm, extracellular space
Applications	Immunohistochemistry (FFPE): 1:25 Immunofluorescence: 1:25 Western blot: 1:500-1:2000 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This POSTN antibody is available for research use only.



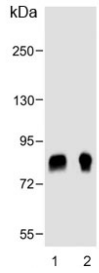
Flow cytometry testing of fixed and permeabilized human HeLa cells with POSTN antibody; Blue=isotype control, Green= POSTN antibody.



IHC testing of FFPE human breast tissue with POSTN antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Immunofluorescent staining of fixed and permeabilized human A375 cells with POSTN antibody (green) and DAPI nuclear stain (blue).



Western blot testing of 1) human breast and 2) rat lung lysate with POSTN antibody. Predicted molecular weight ~93 kDa.

Description

POSTN binds to heparin. It induces cell attachment and spreading and plays a role in cell adhesion and may play a role in extracellular matrix mineralization.

Application Notes

The stated application concentrations are suggested starting points. Titration of the POSTN antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 687-716 from the human protein was used as the immunogen for the POSTN antibody.

Storage

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

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