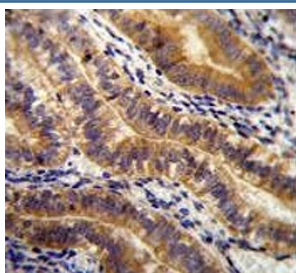


Angiopoietin 2 Antibody / ANG2 / ANGPT2 (F54532)

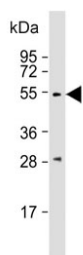
Catalog No.	Formulation	Size
F54532-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54532-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O15123
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25 Flow Cytometry : 1:25 (1x10 ⁶ cells)
Limitations	This Angiopoietin 2 antibody is available for research use only.



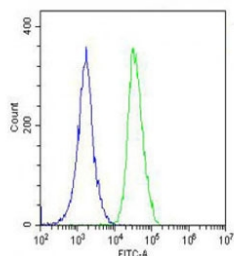
IHC testing of FFPE human uterus tissue with Angiopoietin 2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human liver lysate with Angiopoietin 2 antibody. Predicted molecular weight ~57 kDa.

kDa
72
55
36
28
17

Western blot testing of mouse kidney lysate with Angiopoietin 2 antibody. Predicted molecular weight ~57 kDa.



Flow cytometry testing of fixed and permeabilized human A549 cells with Angiopoietin 2 antibody; Blue=isotype control, Green= Angiopoietin 2 antibody.

Description

The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Angiopoietin 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 404-432 from the human protein was used as the immunogen for the Angiopoietin 2 antibody.

Storage

Aliquot the Angiopoietin 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.