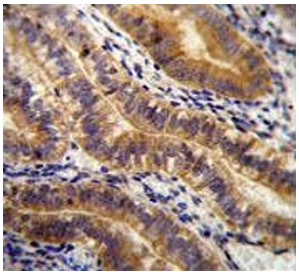
# Angiopoietin 2 Antibody / ANG2 / ANGPT2 (F54532)

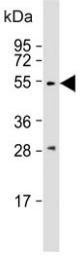
| Catalog No. | Formulation | Size |
|---|---|---|
| F54532-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54532-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

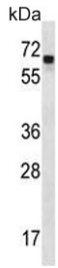
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | O15123 |
| **Applications** | Western blot: 1:500-1:2000<br>Immunohistochemistry (FFPE): 1:25<br>Flow cytometry: 1:25 (1x10e6 cells) |
| **Limitations** | This Angiopoietin 2 antibody is available for research use only. |



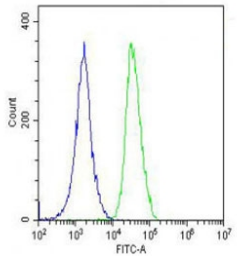
IHC testing of FFPE human uterus tissue with Angiopoietin 2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.




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




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.


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