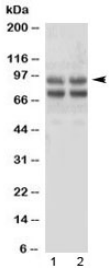
# Angiostatin K1-3 Antibody (R30129)

| Catalog No. | Formulation | Size |
|---|---|---|
| R30129 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

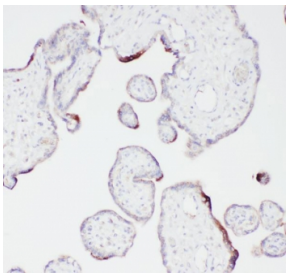
Citations (2)

**Bulk quote request**

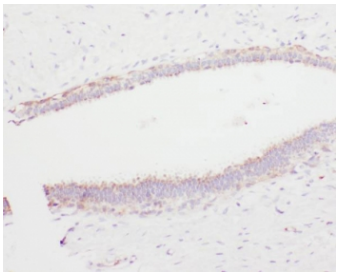
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 0.025% sodium azide |
| **UniProt** | P00747 |
| **Applications** | Western Blot : 0.5-1ug/ml<br>IHC (FFPE) : 0.5-1ug/ml<br>ELISA : 0.1-0.5ug/ml (human protein tested) |
| **Limitations** | This Angiostatin K1-3 antibody is available for research use only. |




Western blot testing of human 1) SMMC-7721 and 2) HepG2 cell lysate with Angiostatin K1-3 antibody. Expected molecular weight of Plasminogen: 90-95 kDa.



IHC staining of FFPE human placenta with Angiostatin K1-3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE human breast cancer with Angiostatin K1-3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.

## Description

Ang K1-3 is a proteolytic fragment of Plasminogen. It is a single, non-glycosylated polypeptide chain containing 259 amino acids. It represents a proteolytic fragment of plasminogen containing the first three kringle structures. Ang K1-3 reduces endothelial cell proliferation and acts as a potent inhibitor of angiogenesis and tumor growth. It displays increased inhibitory activity (ED50=70nM) relative to kringles 1-4 (ED50 = 135nM).

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Angiostatin K1-3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Human partial recombinant protein (AA 103-352) was used as the immunogen for this Angiostatin K1-3 antibody.

## Storage

After reconstitution, the Angiostatin K1-3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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