

## Recombinant Endoglin/CD105 Monoclonal Antibody

catalog number: AN300012P

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

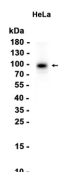
|                     |                                            |
|---------------------|--------------------------------------------|
| <b>Reactivity</b>   | Human;Rat                                  |
| <b>Immunogen</b>    | Recombinant Human Endoglin / CD105 protein |
| <b>Host</b>         | Rabbit                                     |
| <b>Isotype</b>      | IgG                                        |
| <b>Clone</b>        | C720012                                    |
| <b>Purification</b> | Protein A                                  |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS            |

### Applications

### Recommended Dilution

**WB:** 1:1000; IHC-P: 1:500-1:2000; IP: 1:20

### Data



Western blot analysis of extracts from HeLa cells at  
1:1000.

**Observed-MW:95 kDa**

**Calculated-MW:71 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. This gene may also be involved in preeclampsia and several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2013]

### For Research Use Only

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