

## Mouse anti-Human CD105 Monoclonal Antibody | anti-ENG antibody

Anti-CD105 Antibody

|                               |                      |                            |                                             |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA264922</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|

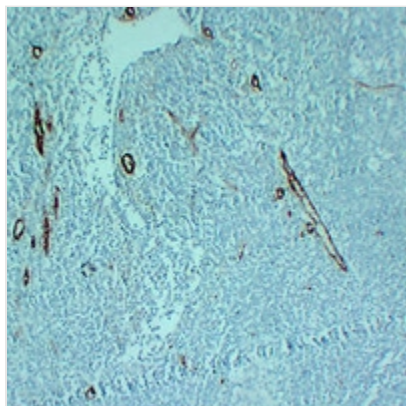
### PRODUCT SYNONYMS

CD105; Monoclonal Antibody; Anti-CD105 Antibody; END; Endoglin; anti-ENG antibody

### PRODUCT SPECIFICATIONS

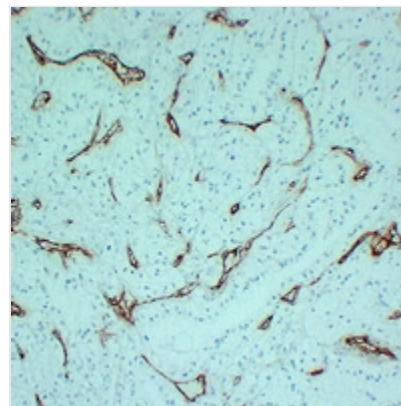
|                                               |                                                                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                           |
| Reactivity                                    | Human                                                                                                           |
| Clonality                                     | Monoclonal                                                                                                      |
| Isotype                                       | Mouse IgG2a                                                                                                     |
| Specificity                                   | Recognizes endogenous levels of CD105 protein.                                                                  |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                 |
| Form/Format                                   | Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                         |
| Applicable Applications for anti-ENG antibody | IHC (Immunohistochemistry)                                                                                      |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within human CD105. The exact sequence is proprietary. |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.  |

### IMAGES



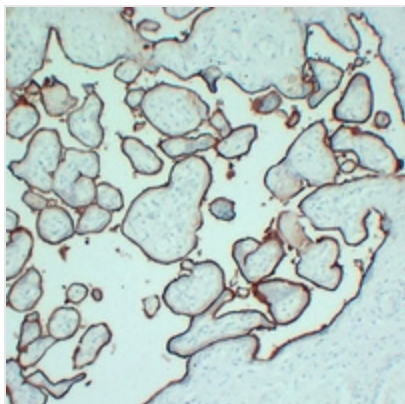
#### FCM/FACS (Flow Cytometry)

Immunohistochemical analysis of CD105 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



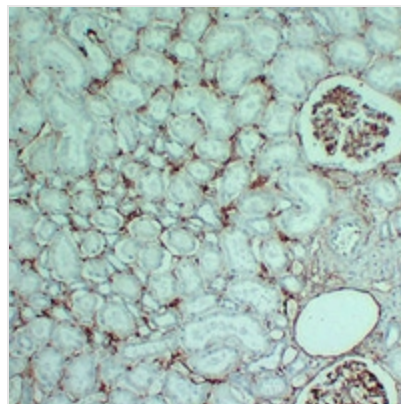
#### IP (Immunoprecipitation)

Immunohistochemical analysis of CD105 staining in human renal clear cell carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### IF (Immunofluorescence)

Immunohistochemical analysis of CD105 staining in human placenta formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CD105 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## ADDITIONAL INFORMATION

### Related Product Information for anti-ENG antibody

Mouse monoclonal antibody to CD105

## NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 4557555                        |
| NCBI GeneID                      | 2022                           |
| NCBI Accession #                 | NP_000109.1                    |
| NCBI GenBank Nucleotide #        | NM_000118.2                    |
| UniProt Accession #              | P17813; Q14248; Q14926; Q5T9C0 |
| Molecular Weight                 | 70,578 Da                      |
| NCBI Official Full Name          | endoglin isoform 2             |
| NCBI Official Synonym Full Names | endoglin                       |
| NCBI Official Symbol             | ENG                            |
| NCBI Official Synonym Symbols    | END; ORW; HHT1; ORW1; CD105    |
| NCBI Protein Information         | endoglin; CD105 antigen        |
| UniProt Protein Name             | Endoglin                       |
| UniProt Gene Name                | <b>ENG</b>                     |
| UniProt Synonym Gene Names       | END                            |
| UniProt Entry Name               | EGLN_HUMAN                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd105-antibody-immunohistochemistry-elisa/264922>