

Polyclonal Antibody to CD105 / Endoglin (26-176) - Purified

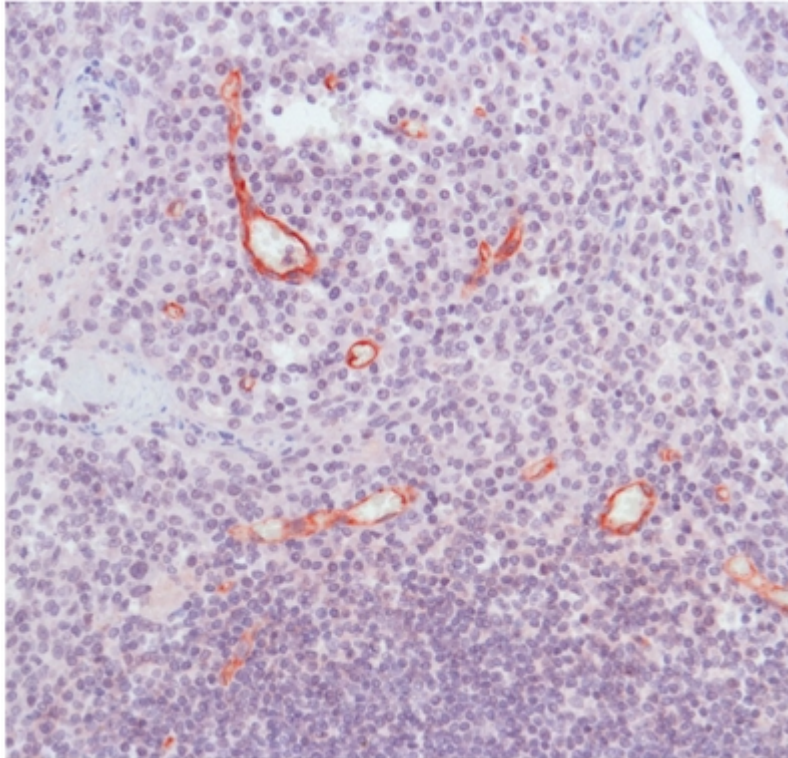
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|--------------------------|--|
| Alternate names: | END, ENG, HHT1, ORW, ORW1 |
| Catalog No.: | AP15414PU-S |
| Quantity: | 0.1 ml |
| Background: | CD105 or Endoglin or GP160 is a Type I transmembrane protein, which is highly expressed on human vascular endothelial cells. It exists as an O- and N-glycosylated homodimer. Up-regulation of endoglin expression has been demonstrated in tumor vasculature and proliferating cells, suggesting that it is a proliferation-associated endothelial cell marker. CD105 binds to TGFβ1 and β3 with high affinity but not TGF-β2. |
| Uniprot ID: | P17813 |
| NCBI: | 9606 |
| GeneID: | 2022 |
| Host: | Rabbit |
| Immunogen: | Recombinant protein encoding 26-176 aa of human CD105 Remarks: Epitope: aa 26-176 |
| Format: | State: Liquid purified Ig fraction. Purification: Affinity Chromatography. Buffer System: 10mM PBS, pH 7.6 with 1% BSA as stabilizer and 0.09% Sodium Azide as preservative. |
| Applications: | Immunohistochemistry on Paraffin Sections: 1/50 for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween. <i>Positive Control:</i> Tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognizes CD105. Cellular Localization: Cell Membrane. Species: Human. Other species not tested. |
| Add. Information: | Molecular Weight: 95 kDa (Monomer) and 190 kDa (Dimer). |
| Storage: | Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch. |

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:



AP15414PU CD105 antibody staining of Human Tonsil.

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