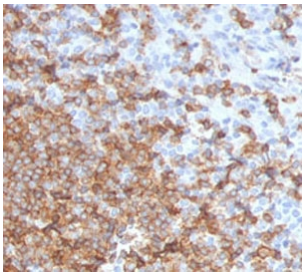
CD105 Antibody [clone CDLA105-1] (V8311)

Catalog No.	Formulation	Size
V8311-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8311-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8311SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	CDLA105-1
Purity	Protein G affinity chromatography
UniProt	P17813
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This CD105 antibody is available for research use only.



IHC staining of FFPE human tonsil with CD105 antibody (clone CDLA105-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

Description

Vascular endothelium glycoprotein that plays an important role in the regulation of angiogenesis. Required for normal structure and integrity of adult vasculature. Regulates the migration of vascular endothelial cells. Required for normal extraembryonic angiogenesis and for embryonic heart development (By similarity). May regulate endothelial cell shape changes in response to blood flow, which drive vascular remodeling and establishment of normal vascular morphology during angiogenesis (By similarity). May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the CD105 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 74-251 were used as the immunogen for the CD105 antibody.

Storage

Store the CD105 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).