



Product datasheet

Anti-CD105 antibody [17#] ab239734

[2 Images](#)

Overview

Product name	Anti-CD105 antibody [17#]
Description	Mouse monoclonal [17#] to CD105
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment corresponding to Rat CD105 aa 1-150. N-terminal His-Tag. Expressed in E. coli. Database link: P17813
	<div>  Run BLAST with  Run BLAST with </div>
Positive control	WB: Recombinant rat CD105 protein; Human lung tissue lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography. Purified from TCS.
Clonality	Monoclonal
Clone number	17#

Isotype	IgG2b
Light chain type	kappa

Applications

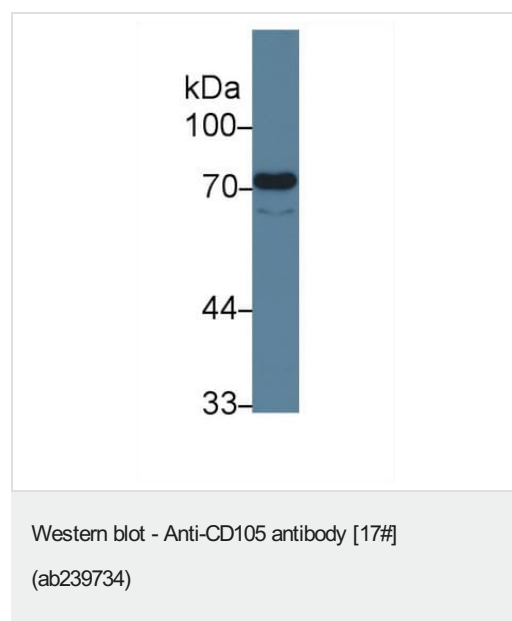
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab239734 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/5000.

Target

Function	Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors.
Tissue specificity	Endoglin is restricted to endothelial cells in all tissues except bone marrow.
Involvement in disease	Defects in ENG are the cause of hereditary hemorrhagic telangiectasia type 1 (HHT1) [MIM:187300, 108010]; also known as Osler-Rendu-Weber syndrome 1 (ORW1). HHT1 is an autosomal dominant multisystemic vascular dysplasia, characterized by recurrent epistaxis, muco-cutaneous telangiectases, gastro-intestinal hemorrhage, and pulmonary (PAVM), cerebral (CAVM) and hepatic arteriovenous malformations; all secondary manifestations of the underlying vascular dysplasia. Although the first symptom of HHT1 in children is generally nose bleed, there is an important clinical heterogeneity.
Cellular localization	Membrane.

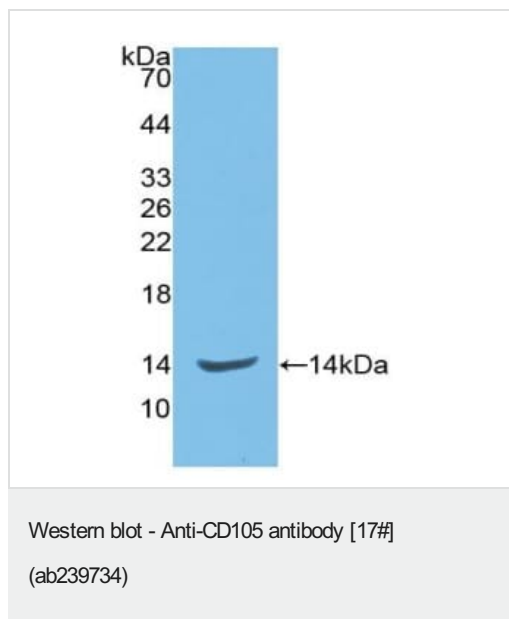
Images



Anti-CD105 antibody [17#] (ab239734) at 3 µg/ml + Human lung tissue lysate

Secondary

HRP-Goat Anti-Mouse IgG at 0.2 µg/ml



Anti-CD105 antibody [17#] (ab239734) at 2 µg/ml + Recombinant
rat CD105 protein

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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