

Datasheet: AHP062F

Description:	SHEEP ANTI HUMAN VON WILLEBRAND FACTOR:FITC
Specificity:	VON WILLEBRAND FACTOR
Other names:	FACTOR VIII RELATED ANTIGEN
Format:	FITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry (1)	▪			
Immunohistology - Frozen	▪			1/50 - 1/100
Immunohistology - Paraffin			▪	
Immunofluorescence	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) Membrane permeabilisation is required for this application. Bio-Rad recommends the use of Leucoperm™ (Product Code [BUF09](#)) for this purpose.

Target Species	Human		
Species Cross Reactivity	Reacts with: Rat, Pig N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.		
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by ion exchange chromatography from serum.		

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Immunogen	Purified human von Willebrand factor prepared from citrated human plasma
External Database Links	<p>UniProt: P04275 Related reagents</p> <p>Entrez Gene: 7450 VWF Related reagents</p>
Synonyms	F8VWF
RRID	AB_322242
Specificity	Sheep anti Human von Willebrand Factor antibody recognizes Human von Willebrand factor, a glycoprotein synthesized in endothelial cells and megakaryocytes and circulating in the blood as a noncovalent complex by association with factor VIII.
Histology Positive Control Tissue	Tonsil
References	<ol style="list-style-type: none"> 1. Blades, M.C. <i>et al.</i> (2002) Stromal cell-derived factor 1 (CXCL12) induces human cell migration into human lymph nodes transplanted into SCID mice. J Immunol. 168 (9): 4308-17. 2. Johnson, L.A. & Jackson, D.G. (2010) Inflammation-induced secretion of CCL21 in lymphatic endothelium is a key regulator of integrin-mediated dendritic cell transmigration. Int Immunol. 22 (10): 839-49. 3. Blagoveshchenskaya, A.D. <i>et al.</i> (2002) Selective and signal-dependent recruitment of membrane proteins to secretory granules formed by heterologously expressed von Willebrand factor. Mol Biol Cell. 13:1582-93. 4. Knipe, L. <i>et al.</i> (2010) A revised model for the secretion of tPA and cytokines from cultured endothelial cells. Blood. 116: 2183-91. 5. Babich, V. <i>et al.</i> (2009) Differential effect of extracellular acidosis on the release and dispersal of soluble and membrane proteins secreted from the Weibel-Palade body. J Biol Chem. 284: 12459-68. 6. Butthep, P. <i>et al.</i> (2004) Endothelial injury and altered hemodynamics in thalassemia. Clin Hemorheol Microcirc. 31: 287-93. 7. Chowdhury, F. <i>et al.</i> (2010) Interactions between endothelial cells and epithelial cells in a combined cell model of airway mucosa: effects on tight junction permeability. Exp Lung Res. 36: 1-11. 8. Johnson, L.A. and Jackson, D.G. (2010) Inflammation-induced secretion of CCL21 in lymphatic endothelium is a key regulator of integrin-mediated dendritic cell transmigration. Int Immunol. 22: 839-49. 9. Kiskin, N.I. <i>et al.</i> (2010) Protein mobilities and P-selectin storage in Weibel-Palade

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17. Kuna, V.K. *et al.* (2019) Human fetal kidney cells regenerate acellular porcine kidneys via upregulation of key transcription factors involved in kidney development. [AIMS Cell and Tissue Engineering. 3 \(1\): 26-46.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

Guaranteed until date of expiry. Please see product label.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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