



***Mouse anti- Human von Willebrand factor.***

**Clone 36B11**

**Cat. no. MONX10598**

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**Specificity**

Human von Willebrand factor (or factor VIII-related antigen) is a 270 kD multimeric plasma glycoprotein. It mediates platelet adhesion to injured vessel walls and serves as a carrier and stabilizer for coagulation factor VIII. The von Willebrand factor has functional binding domains to platelet glycoprotein Ib, glycoprotein Ib/IIIa, collagen and heparin. Von Willebrand factor is synthesized by endothelial cells and is reported to be expressed in a number of tumors of vascular origin.

Immunogen

Prokaryotic recombinant fusion protein corresponding to the A2 domain of the von Willebrand molecule.

**Immunoglobulin type**

Mouse IgG<sub>2a</sub>

**Use**

The antibody can be used for immunohistochemistry on paraffin sections.

Instructions for use:

Suggested dilution: 1:200 for 30 minutes at 25°C. This is provided as a guide and users should determine their own optimal working dilutions.

**Presentation**

1.0 ml liquid tissue culture supernatant containing 15 mM sodium azide as a preservative.

Total protein concentration: 1.0 - 8.0 g/L.

Antibody concentration: Greater than or equal to 21.0 mg/L as determined by ELISA

**Literature**

- Nadji M, Morales AR. Laboratory Medicine. 1983; 14:767.
- Omata M, et al.. American Journal of Clinical Pathology. 1980; 73:626.
- Zhang Y, Pillai G, Gatter K, et al. Human Pathology. 2005; 36:797-805.
- Su H, et al. Proceedings of the National Academy of Sciences, USA. 2000; 97(25):13801-13806.

**Storage and Handling**

Store at 2-8°C. until expiry date. For long term storage, it is recommended that aliquots of the reconstituted antibody are stored frozen at -20°C

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.

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