Recombinant Von Willebrand Factor Monoclonal Antibody

catalog number: **AN301967L**

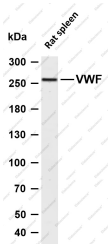
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	The specific immunogen used to produce this antibody is proprietary information
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111588
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IF	1:200-1:1000
IP	1:50-1:200
ELISA	1:5000-1:20000

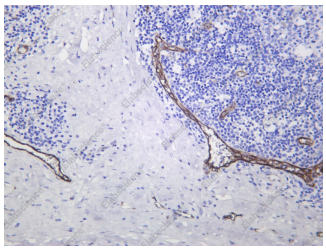
Data



Western blot analysis of Rat spleen cell lysates using Von Willebrand Factor Antibody (AN301967L).

Observed-MW:260 kDa

Calculated-MW:309 kDa



Immunohistochemical analysis of paraffin-embedded Human tonsil sections using Von Willebrand Factor Antibody (AN301967L).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

VWF (Von Willebrand factor) is a multimeric plasma glycoprotein that promotes adhesion of platelets to sites of vascular injury. Mature circulating VWF is made up of disulfide-bonded multimers that are in a complex with factor VIII. VWF is stored in secretory Weibel-Palade bodies in endothelial cells. It is synthesized as a large precursor protein and undergoes extensive posttranslational modifications including dimerization in the endoplasmic reticulum followed by cleavage of the pro-peptide and multimerization in the Golgi apparatus. VWF is important in hemostasis, and genetic defects in the structure and modification of VWF can cause von Willebrand disease (VWD), the most common congenital bleeding disorder in humans. Alternatively, increased levels of VWF have been shown to be involved in acute coronary thrombosis and are a clinical risk marker for atherosclerosis.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com