

**Anti von Willebrand factor (human, vWf)  
mouse monoclonal antibody**Subclass: IgG<sub>1</sub>/k

PRODUCT NO.	<b>HYB 060-01</b>
PRESENTATION	Preparation: Protein-A/G purified Content: 200 µL, 1 mg/mL Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide Storage: In the dark at 4-8°C
ANTIGEN	Von Willebrand factor (vWf) is a series of self-aggregated structures, all derived from common glycoprotein subunits, synthesized in endothelial cells and megakaryocytes. The molecular mass of the monomeric vWf unit is 225 kDa. vWf binds to circulating factor VIIIc (antihemophilic factor), hereby stabilizing the latter thus being an important factor in the normal primary haemostasis (1).
IMMUNOGEN	Factor VIII complex isolated from human plasma
SPECIFICITY	HYB 060-01 is specific for human vWf from human serum or plasma
EPI TOPE SPECIFICITY	Epitope specificity differs from that of HYB 060-02
REACTIVITY	HYB 060-01 reacts strongly with vWf. Strong reaction is seen in ELISA with vWf directly coated onto the microtiterplate, and also when used in sandwich ELISA in combination with a polyclonal antibody against the antigen (e.g. DAKO A082).
CULTURE MEDIUM	Dulbecco's modified Eagle's medium with 10% fetal calf serum
FUSION PARTNER	X63-Ag8.653.
IMMUNIZATION	Female CF1 x BALB/c mice immunized i.p. with immunogen adsorbed onto Al(OH) <sub>3</sub>

## APPLICATION

Method	Usability	Dilution guideline	References
ELISA	Yes	1:8000	
Immunoblotting	Yes		
Immunohistochemistry	Not determined		

The dilution guideline for ELISA is based on sandwich ELISA in combination with a polyclonal antibody against the antigen. Users should determine the optimal dilutions for their own purpose.

## REFERENCES

1. Scott T & Eagleson M (1988) Concise Encyclopedia Biochemistry: Walter de Gruyter, New York.

## CONDITIONS

All products are supplied on the understanding that they are for in vitro use only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The animals from which this product was derived have not been exposed to or inoculated with any livestock or poultry disease agents exotic to the United States or Western Europe, and did not originate from facilities where work with exotic disease agents affecting livestock or avian species is carried out.