



20200630DS

Anti-Human vWF-A2 (#5F22)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M702
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with Human recombinant vWF-A2.

Target Background

Synonyms (Target):	VWF; VWD; F8VWF
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Human vWF is a serum glycoprotein that mediates platelet adhesion to injured vascular endothelium. vWF function is regulated by ADAMTS13 mediated proteolysis within the A2 domain. Mutations of this protease cause thrombotic thrombocytopenic purpura.

Database References Target

Protein RefSeq:	NP_000543.2
Uniprot ID:	P04275
mRNA RefSeq:	NM_000552.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#5F22)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Human recombinant vWF-A2
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human vWF-A2.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:250-500

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!