

Product Datasheet

CD42b/GPIb alpha Antibody (VM16d) - BSA Free NBP1-42151

Unit Size: 0.2 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-42151

CD42b/GPIb alpha Antibody (VM16d) - BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	VM16d
Preservative	3mM Sodium Azide
Reconstitution Instructions	Reconstitute with 1 mL sterile water.
Isotype	IgG1 Kappa
Purity	Ammonium sulfate precipitation
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	2811
Gene Symbol	GP1BA
Species	Human
Specificity/Sensitivity	VM16d inhibits low conc. thrombin (<0.1 U/ml) induced platelet aggregation and decreases thrombin binding to platelets. F(ab') ₂ and F(ab') fragments are equally effective as whole intact antibodies. The VM16d epitope is located within the 45 kDa N-terminal domain of GPIb alpha- chain. VM16d does not effect platelet interaction with von Willebrand factor, leading to the conclusion that the antibody reacts with or nearby the thrombin receptor site.
Immunogen	The antibody reacts with the CD42b antigen.

Product Application Details	
Applications	Functional, In vivo assay
Recommended Dilutions	Functional, In vivo assay
Application Notes	Analysis of platelet aggregation and detection of GPIb expression. The antibody is also useful for functional studies. The antibody is useful for indirect immunofluorescence staining with analysis by cyto-fluorometry or fluorescence microscopy. Use in In vivo reported in scientific literature (PMID: 31340152).

Publications

Carestia A, Mena HA, Olexen CM et al. Platelets Promote Macrophage Polarization toward Pro-inflammatory Phenotype and Increase Survival of Septic Mice Cell Rep 2019-07-23 [PMID: 31340152] (In Vivo)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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