

CD42a Monoclonal Antibody (FMC-25)

Catalog NumberMA5-16684

Product data sheet

| Details | | Species Reactivity | |
|--------------------|--|--|---------------------------|
| Size | 250 µg | Species reactivity | Human |
| Host/Isotope | Mouse / IgG1 | Published species | Dog, Not Applicable |
| Class | Monoclonal | Tested Applications | |
| Type | Antibody | Flow Cytometry (Flow) | Dilution *Assay-dependent |
| Clone | FMC-25 | Immunohistochemistry (Frozen) (IHC (F)) | Assay-dependent |
| Immunogen | Peripheral blood mononuclear cells | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Conjugate | Unconjugated | | |
| Form | Liquid | | |
| Concentration | 1 mg/mL | | |
| Purification | Protein A | | |
| Storage buffer | PBS | | |
| Contains | 0.09% sodium azide | | |
| Storage Conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. | | |

Product specific information

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10^6 cells in 100 µL. A suggested positive control for immunohistochemical applications is bone marrow.

Background/Target Information

Single-chain membrane glycoprotein that forms a non-covalent complex with GPIb. (MW 23 kDa) Reactivity with resting and activated platelets, weakly on monocytes, megakaryocytes and attachment site for the platelet plasma membrane to the submembrane cytoskeleton. GPIb/IX complex, functions as the receptor for ristocetin-induced binding of von Willebrand factor and as the von Willebrand factor-depend adhesion receptor.

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