

Technical Data Sheet

FITC Mouse Anti-Human CD62P

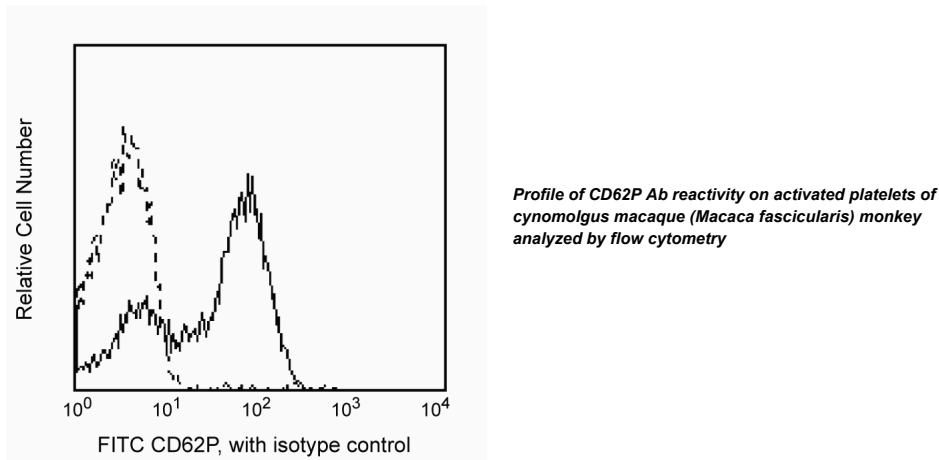
Product Information

Material Number:	550866
Alternate Name:	P-Selectin
Size:	50 tests
Vol. per Test:	20 µl
Clone:	AC1.2
Isotype:	Mouse IgG1, κ
Reactivity:	Human
	QC Testing: Baboon or Cynomolgus or Rhesus
Workshop:	V S058
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Reacts with the human form of the 140 kDa membrane glycoprotein, P-selectin, formerly known as platelet activation-dependent granule external membrane protein (PADGEM), or granule membrane protein (GMP-140). P-selectin is stored in the α-granules of platelets and the Weibel-Palade bodies of endothelial cells, and is rapidly transported to the plasma membrane upon activation. P-selectin is thought to mediate the initial adhesive interactions of neutrophils and monocytes with endothelium in inflammatory responses, and of activated platelets to neutrophils and monocytes in hemostasis. This antibody is a non-blocking monoclonal antibody and is suitable for immunohistochemical staining of formalin-fixed, paraffin embedded, tissue sections. Clone AC1.2 also cross reacts with activated platelets of baboon, and both rhesus and cynomolgus macaque monkeys. The reactivity on resting and activated platelets is similar to that observed on resting and activated platelets of human donors.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.



Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. The antibody was conjugated with FITC under optimum conditions, and unreacted FITC was removed. Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
556649	FITC Mouse IgG1, κ Isotype Control	50 tests	MOPC-21

Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 X 10⁶ cells in a 100- μ l experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

References

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