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AP31664SU-N Polyclonal Antibody to Thrombocyte (Adsorbed) - Serum

Quantity: 1 ml

Background: Platelets or thrombocytes are the blood cell fragments that are involved in the cellular mechanisms that lead to the formation of blood clots. Low levels or dysfunction predisposes for bleeding, while high levels, although usually asymptomatic, may increase the risk of thrombosis. Like red blood cells, platelets are anuclear (no cell nucleus) and discoid (disc shaped); they measure 1.5 to 3.0 µm in diameter. The body has a very limited reserve of platelets, so they can be rapidly depleted. They contain RNA, a canalicular system, and several different types of granules; lysosomes (containing acid hydrolases), dense bodies (containing ADP, ATP serotonin and calcium) and alpha granules (containing fibrinogen, factor V, vitronectin, thrombospondin and von Willebrand factor), the contents of which are released upon activation of the platelet. These granule contents play an important role in both hemostasis and in the inflammatory response.

Host: Rabbit

Format: **State:** Liquid Sterile Serum
Preservatives: None

Applications: **Cytotoxic Assays.**
Immunohistochemistry on Frozen Sections.
Immunohistochemistry on Paraffin Sections.
Test Type:
For Agglutinating Antibodies: Antisera dilutions in RPMI-1640 incubated with target cells at 4-8°C for 1hr. Agglutination determined by microscopic observations.
Results: Antisera of this lot (6319AD) strongly agglutinates Mouse Thrombocytes but not Thymocytes or spleen cells, at a dilution of 1/1000.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody is an antiserum directed against Mouse Thrombocytes.
Species: Mouse.
Other species not tested.

Storage: Upon receipt, store undiluted (in aliquots) at -20°C.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Product Citations: **Purchased from Acris:**
1. Yada, A; Iimuro, Y; Uyama, N; Uda, Y; Okada, T. Splenectomy attenuates murine liver fibrosis with hypersplenism stimulating hepatic accumulation of Ly-6C lo macrophagesJournal of Hepatology. DOI: http://dx.doi.org/10.1016/j.jhep.2015.05.010

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.