

## Summary

|                        |  |
|------------------------|--|
| <b>Production Name</b> | PF4 Rabbit Monoclonal Antibody         |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IHC-P,IP                            |
| <b>Reactivity</b>      | Human,Rat                              |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Monoclonal Antibody  |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| <b>Purification</b> | Affinity Purified  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | PF4   |
| <b>Alternative Names</b> | C-X-C motif chemokine 4; CXCL4; Iroplact; OncostatinA; PF4; Platelet factor 4; SCYB4; short form; Small inducible cytokine subfamily member 4 |
| <b>Gene ID</b>           | 5196  |
| <b>SwissProt ID</b>      | P02776  |

## Application

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20  |
| <b>Molecular Weight</b> | Calculated MW: 11 kDa; Observed MW: 11 kDa |

**Product Name: PF4 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03147**



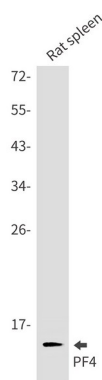
## Background

Released during platelet aggregation. Neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation, the short form is a more potent inhibitor than the longer form.

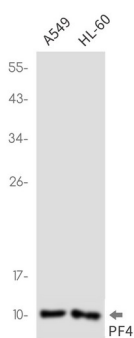
## Research Area

Immunology

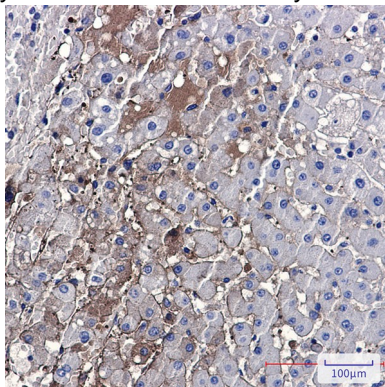
## Image Data



Western blot analysis of PF4 in rat spleen lysates using PF4 antibody.



Western blot analysis of PF4 in A549, HL-60 lysates using PF4 antibody.



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Immunohistochemistry analysis of paraffin-embedded liver cancer using PF4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.