

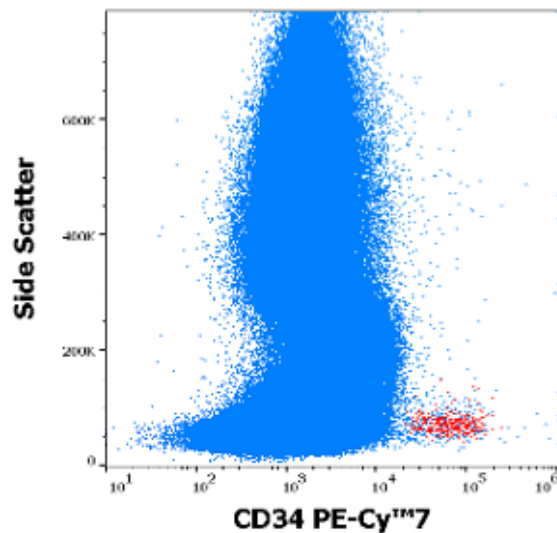
## SingleFlowEx CD34 PE-Cy™7

ED7548

1 ml

**For Research Use Only. Not for use in diagnostic or therapeutic procedures. Product is manufactured in accordance with current Good Manufacturing Practices (GMP).**

Description	SingleFlowEx is fluorochrome-labeled monoclonal antibody single reagent for use in laboratory-developed multicolor flow cytometry tests in order to examine human clinical samples. SingleFlowEx can be used in various multicolor combinations. Laboratory shall establish the SingleFlowEx performance characteristics in conjunction with other reagents in normal and pathological samples.
Clone	581
Antigen	CD34
Isotype	Mouse IgG1 kappa
Format	PE-Cy™7
Excitation laser	blue (488 nm)
Concentration	0.030 mg/ml
Contents	1 vial of monoclonal antibody reagent. The content (1 ml) is sufficient for min. 100 tests.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Application	FC
Product data	



Example of surface staining pattern using SingleFlowEx CD34 PE-Cy™7

Clone: 581

Sample: EDTA-anticoagulated human peripheral blood, healthy donor

Staining protocol: 10 µl reagent / 100 µl blood sample; Lyse and Wash

Erythrocyte lysis: EXCELLYSE Easy (ED7066)

Blue dots: All events

Red dots: CD34 positive CD45 dim hematopoietic stem cells

### References

**Storage and handling**

The product is shipped with ice packs. Transport conditions, including short-term elevated temperature, do not impair product performance characteristics or do not affect stated product expiry date. Upon receipt, store and handle as directed.  
Store at 2-8°C.  
Keep away from sunlight.  
Do not freeze.  
Do not use after the expiry date stated on the product labels.  
No reconstitution is necessary. Use the product directly from its original product container.  
The product retains its performance characteristics until the expiry date when stored under stated conditions in its original product container.

**Warnings and precautions**

GHS Hazard Classification  
Product contains chemical substances and mixtures in concentrations not classified as hazardous. Consult product Safety Data Sheet (SDS) available at [www.exbio.cz](http://www.exbio.cz) for the full information on the risks posed by chemical substances and mixtures and how they should be handled and disposed.

Biological Hazard  
Human biological samples and blood specimens and any materials coming into contact with them are always considered as infectious materials.  
Use personal protective and safety equipment to avoid contact with skin, eyes and mucous membranes.  
Follow applicable laws, regulations and procedures for handling and disposing of infectious materials.

**Symbols**

Glossary of symbols used on product packaging and labelling is available at [www.exbio.cz](http://www.exbio.cz)

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s.  
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