

Expect more discoveries

## CD34 MicroBead Kit UltraPure, human

Leading the way in magnetic HSC separation

The **CD34 MicroBead Kit UltraPure** is the latest development for positive selection of CD34<sup>+</sup> hematopoietic stem and progenitor cells. It is suited for all routine CD34<sup>+</sup> cell isolations and is the ideal choice for debris-rich, low frequency samples.

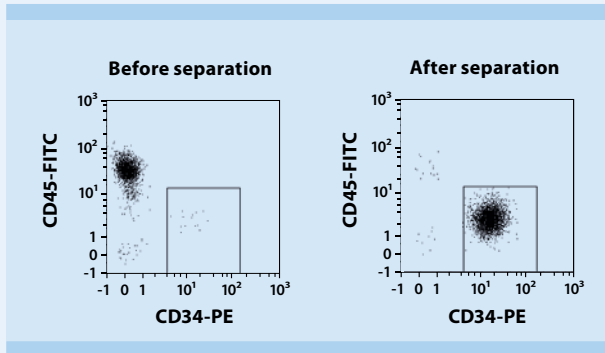
- Easy one-step isolation of CD34<sup>+</sup> cells
- Ideal choice for low frequency samples
- Greatly reduces excess dead cells and debris carry-over

## CD34<sup>+</sup> cell isolation reaches ultra pure levels

Ditch the debris. Get CD34<sup>+</sup> cells that are highly pure and viable with the new CD34 MicroBead Kit UltraPure, human. Discover outstanding purity and peace of mind for your HSC experiments today.

### Achieve high purity

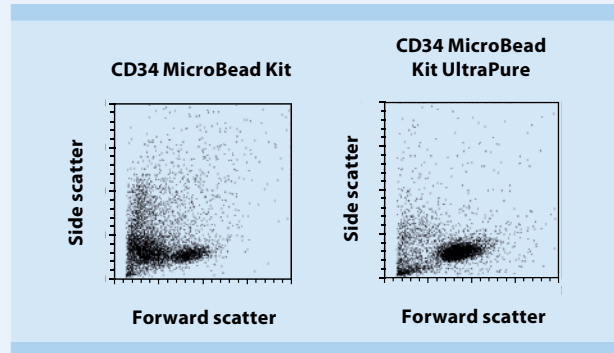
The CD34 MicroBead Kit UltraPure enables easy one-step isolation of CD34-expressing cells from peripheral blood, cord blood, bone marrow, or apheresis harvest. Based on the latest development in CD34<sup>+</sup> cell isolation technology, this kit is perfectly suited for all routine applications.



**Figure 1:** Isolation of CD34<sup>+</sup> cells from a PBMC sample using the CD34 MicroBead Kit UltraPure. Flow cytometry analysis shows high purity after enrichment.

### Discover improved performance

Developed especially for debris-rich sample material, the kit's unique formulation gives you a head start with difficult samples. The CD34 MicroBead Kit UltraPure significantly reduces carry-over of debris and dead cells into the positive fraction.



**Figure 2:** A comparison of the ungated forward scatter versus side scatter profile of the same sample after separation with the CD34 MicroBead Kit (# 130-046-702) or the CD34 MicroBead Kit UltraPure (# 130-100-453) demonstrates reduced debris carry-over with the CD34 MicroBead Kit UltraPure.

Product	Capacity	Order no.
CD34 MicroBead Kit UltraPure, human <i>new</i>	for 2×10 <sup>9</sup> total cells	130-100-453
CD34 MicroBead Kit, human – lyophilized	for 2×10 <sup>9</sup> total cells	130-097-047
CD34 MicroBead Kit, human	for 1×10 <sup>10</sup> total cells	130-046-703
CD34 MicroBead Kit, human	for 2×10 <sup>9</sup> total cells	130-046-702
CD34 MultiSort Kit, human	for 2×10 <sup>9</sup> total cells	130-056-701
Diamond CD34 Isolation Kit, human	for 2×10 <sup>9</sup> total cells	130-094-531

► [macs-stemcells.com](http://macs-stemcells.com)



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