

# CD34 Monoclonal Antibody (581)

Product Details	
Size	100 µg
Species Reactivity	Human, Non-human primate
Published Species	Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	581
Conjugate	Unconjugated
Immunogen	not available
Form	Liquid
Purification	purified
Storage buffer	PBS, pH 7.4
Contains	15mM sodium azide
Storage Conditions	4° C, do not freeze
RRID	AB_11153905

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	5 µg/mL	4 Publications
Miscellaneous PubMed (MISC)	-		2 Publications
Immunohistochemistry (Frozen) (IHC (F))	✓	Assay-Dependent	

## 6 References

### Flow Cytometry (4)

American journal of cancer research

#### Programmed cell death protein 1 and programmed death-ligand 1 are expressed on the surface of some small-cell lung cancer lines.

"MA110203 was used in flow cytometry to identify the presence of PD-1 and PD-L1 proteins in small-cell lung cancer cell lines."

Authors: Yamane H, Isozaki H, Takeyama M, Ochi N, Kudo K, Honda Y, Yamagishi T, Kubo T, Kiura K, Takigawa N

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2015

Stem cell research and therapy

#### The bidirectional tumor--mesenchymal stromal cell interaction promotes the progression of head and neck cancer.

"MA1-10203 was used in flow cytometry to isolate and characterize mesenchymal stromal cells from head and neck squamous cell carcinoma and study their interaction with tumor cells"

Authors: Kansy BA, Dißmann PA, Hemedá H, Bruderek K, Westerkamp AM, Jagalski V, Schuler P, Kansy K, Lang S, Dumitru CA, Brandau S

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2014

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### Miscellaneous PubMed (2)

Transfusion

#### Human placenta and chorion: potential additional sources of hematopoietic stem cells for transplantation.

"MA1-10203 was used in immunocytochemistry to discuss the use of umbilical cord blood as a source of transplantable hematopoietic stem cells."

Authors: Bárcena A, Muench MO, Kapidzic M, Gormley M, Goldfien GA, Fisher SJ

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2011

Journal of biomedicine and biotechnology

#### Telomere attrition occurs during ex vivo expansion of human dental pulp stem cells.

"MA1-10203 was used in flow cytometry to characterize stem cells isolated and expanded from the human dental pulp"

Authors: Mokry J, Soukup T, Micuda S, Karbanova J, Visek B, Brackova E, Suchanek J, Bouchal J, Vokurkova D, Ivancakova R

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2011

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