

APC anti-human CD105 (Endoglin) Recombinant Antibody

Catalog# / Size	366007 / 25 tests 366008 / 100 tests
Clone	QA19A14
Regulatory Status	RUO
Other Names	Endoglin, Cell surface MJ7/18 antigen, END, Edg, ENG, HHT1, ORW1
Isotype	Mouse IgG1, κ
Description	Endoglin (CD105) is a type I membrane glycoprotein that is part of the TGF beta receptor complex. It is expressed in vascular endothelial tissue as well as a variety of other tissues. Endoglin may also be involved in the cytoskeletal organization affecting cell morphology and migration.

Product Details

Verified Reactivity	Human
Antibody Type	Recombinant
Host Species	Mouse
Immunogen	EDG (CD105) isolated from acute lymphoblastic leukemia cells
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
Preparation	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration and expiration, please enter the lot number in our Certificate of Analysis online tool).
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is 5 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
Excitation Laser	Red Laser (633 nm)
RRID	AB_3720590 (BioLegend Cat. No. 366007) AB_3720590 (BioLegend Cat. No. 366008)

Antigen Details

Cell Type	Endothelial cells, Hematopoietic stem and progenitors, Macrophages, Mesenchymal Stem Cells, Monocytes
Biology Area	Angiogenesis, Cell Biology, Immunology, Stem Cells
Molecular Family	Adhesion Molecules, CD Molecules

Antigen References

1. Li C, *et al.* 2003. *Br J Cancer*. 88:1424.
2. Sanz-Rodriguez F, *et al.* 2004. *J Biol Chem*. 279(31):32858-68.
3. Takahashi N, *et al.* 2001. *Clin Cancer Res*. 7(3):524-32.
4. Seon BK, *et al.* 1997. *Clin Cancer Res*. 3(7):1031-44.
5. Haruta Y & Seon BK. 1986. *Proc Natl Acad Sci U S A*. 83: 7898-902.

Gene ID

[2022](#)

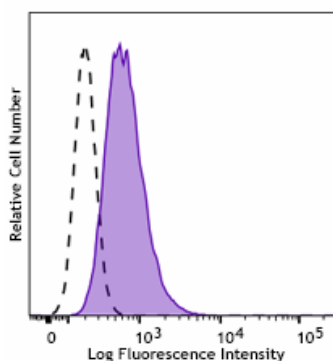
Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

PE anti-human CD105 (Endoglin) Recombinant Antibody, Purified anti-human CD105 (Endoglin) Recombinant Antibody, Brilliant Violet 605™ anti-human CD105 (Endoglin) Recombinant Antibody, APC anti-human CD105 (Endoglin) Recombinant Antibody

Product Data



Human monocytic cell line, THP-1, was stained with anti-human CD105 (Endoglin) recombinant (clone QA19A14) APC (filled histogram) or mouse IgG1, κ APC isotype control (open histogram).

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