

# CD105 Monoclonal Antibody (MJ7/18)

Product Details	
Size	250 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotope	Rat / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	MJ7/18
Conjugate	Unconjugated
Immunogen	Rat monoclonal antibody raised against inflamed mouse skin.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2539327

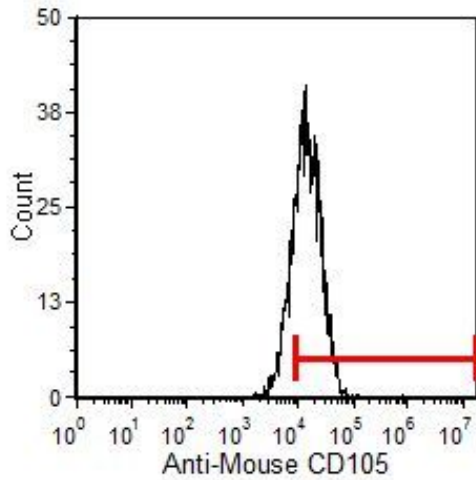
Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	0.5 µg/1x10 <sup>6</sup> cells	3 Publications
Immunohistochemistry (IHC)	✓	Assay Dependent	
Immunoprecipitation (IP)	✓	Assay Dependent	
Western Blot (WB)	✓	Assay Dependent	

## Product Specific Information

MA5-17943 targets CD105/Endoglin in FACS, IHC, IP, and WB applications and shows reactivity with Mouse samples.

The MA5-17943 immunogen is rat monoclonal antibody raised against inflamed mouse skin.

## Product Images For CD105 Monoclonal Antibody (MJ7/18)



### CD105 Antibody (MA5-17943) in Flow

Flow cytometric analysis of H5V cells stained using anti-CD105/Endoglin Monoclonal Antibody (Product # MA5-17943) at a 0.5 µg/10<sup>6</sup> cells dilution.

## 3 References

### Flow Cytometry (3)

#### Haematologica

#### A population of hematopoietic stem cells derives from GATA4-expressing progenitors located in the placenta and lateral mesoderm of mice.

"MA517943 was used in flow cytometry to utilize a G2-Gata4Cre;R26REYFP mouse line to track the developmental fate of the G2-Gata4 cell lineage"

Authors: Cañete A, Carmona R, Ariza L, Sánchez MJ, Rojas A, Muñoz-Chápuli R

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2017

#### Cell research

#### Identification of blood vascular endothelial stem cells by the expression of protein C receptor.

"MA517943 was used in flow cytometry to determine the origin of pericytes in adult angiogenesis"

Authors: Yu QC, Song W, Wang D, Zeng YA

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2016

[View more Flow references on thermofisher.com](#)

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