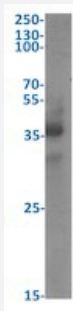


RecomAb™

# CD34 recombinant monoclonal antibody, clone My10

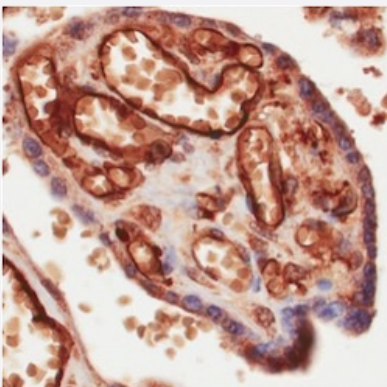
Catalog # RAB03229      Size 200 ug

## Applications



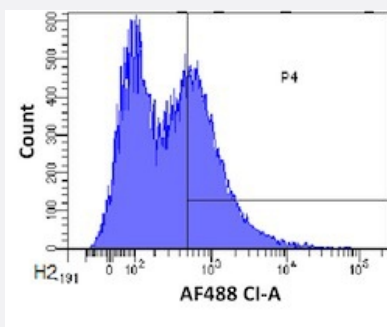
### Western Blot

Western blot analysis of Jurkat cell lysate with CD34 recombinant monoclonal antibody, clone My10 (Cat # RAB03229).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta tissue with CD34 recombinant monoclonal antibody, clone My10 (Cat # RAB03229). Anti-CD34 staining of paraffin embedded human placenta tissue using the rmeric version of RAB03229.RAB03229 was used to stain samples at a concentration of 2-4 ug/ml.



### Flow Cytometry

Flow cytometric analysis of human leukocytes with CD34 recombinant monoclonal antibody, clone My10 (Cat # RAB03229). Human leukocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03229 (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ribody ( and cells analysed on a FACSCanto flow-cytometer.

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD34.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against KG-1a human myeloblastic leukemic cell line.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow Cytometry Immunohistochemistry Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

Western blot analysis of Jurkat cell lysate with CD34 recombinant monoclonal antibody, clone My10 (Cat # RAB03229).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta tissue with CD34 recombinant monoclonal antibody, clone My10 (Cat # RAB03229).

Anti-CD34 staining of paraffin embedded human placenta tissue using the rmeric version of RAB03229.RAB03229 was used to stain samples at a concentration of 2-4 ug/ml.

- Immunoprecipitation

- Flow Cytometry

Flow cytometric analysis of human leukocytes with CD34 recombinant monoclonal antibody, clone My10 (Cat # RAB03229). Human leukocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03229 (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ibody ( and cells analysed on a FACSCanto flow-cytometer.

## Gene Info — CD34

Entrez GeneID	<a href="#">947</a>
Gene Name	CD34
Gene Alias	-
Gene Description	CD34 molecule
Omim ID	<a href="#">142230</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.[supplied by OMIM
Other Designations	CD34 antigen OTTHUMP00000034733 OTTHUMP00000034734 hematopoietic progenitor cell antigen CD34

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)

## Disease

- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis C](#)
- [Liver Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)