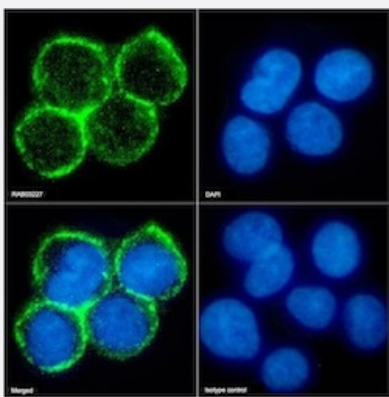


RecomAb™

CD33 recombinant monoclonal antibody, clone M195

Catalog # RAB03227 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of U937 cells with CD33 recombinant monoclonal antibody, clone M195 (Cat # RAB03227).

Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix™ coverslips stained with the chimeric r version of RAB03227 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03227- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (3.0) followed by staining with Alexa Fluor® 488 secondary antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD33.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against live leukemic myeloblasts.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow Cytometry Immunofluorescence Radioimmunoassay 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

- Immunofluorescence

Immunofluorescent staining of U937 cells with CD33 recombinant monoclonal antibody, clone M195 (Cat # RAB03227). Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix™ coverslips stained with the chimeric r version of RAB03227 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03227- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (3.0) followed by staining with Alexa Fluor® 488 secondary antibody.

- Radioimmunoassay

- Flow Cytometry

Gene Info — CD33

Entrez GeneID	945
Gene Name	CD33
Gene Alias	FLJ00391, SIGLEC-3, SIGLEC3, p67
Gene Description	CD33 molecule
Omim ID	159590
Gene Ontology	Hyperlink
Other Designations	CD33 antigen CD33 antigen (gp67)

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Leukemia](#)

- [Neoplasm](#)
- [Tobacco Use Disorder](#)