CD33 antibody [WM53]

Cat. No. GTX00477

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-Fr, FCM, IP, MS
Reactivity	Human, Primate

Package
100 µg

PRODUCT

Summary

CD33, also known as Siglec-3 or gp67, is a 67 kDa glycosylated cell surface receptor that mediates cell-cell interactions and maintains immune cells in a resting state. Although CD33 is found on some lymphoid subsets, it is highly expressed on myeloid lineage cells, and is commonly used for the diagnosis of acute myeloid leukemia (AML). CD33 is an established target for therapy, with CD33-positive blasts detected in almost 90 percent of patients presenting with AML.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
MS	Assay dependent

Not tested in other applications.

Calculated MW 40 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC. DO NOT FREEZE.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human AML cells

For full product information, images and publications, please visit our website.

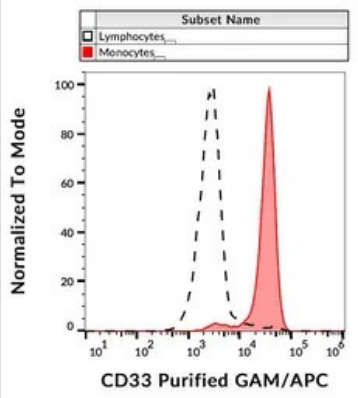
GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

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Purification	Protein A purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX00477 FCM Image

FACS analysis of human peripheral blood using GTX00477 CD33 antibody [WM53].

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